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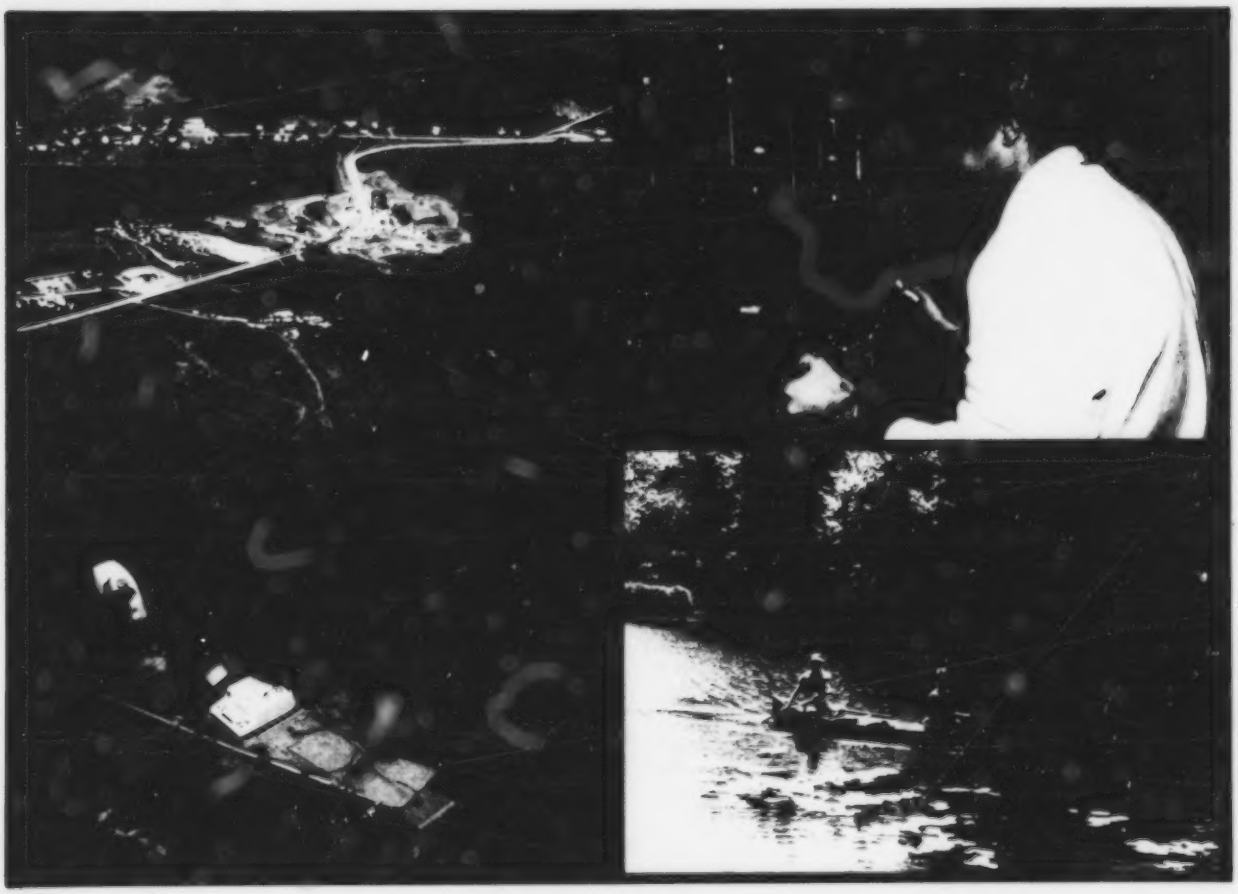
ATLANTIC REGION
FEDERAL-PROVINCIAL TOXIC CHEMICAL SURVEY OF MUNICIPAL DRINKING WATER SOURCES

DATA SUMMARY REPORT
PROVINCE OF PRINCE EDWARD ISLAND
1985-1988

IWD-AR-WQB-89-156



Canada

INLAND WATERS DIRECTORATE
ATLANTIC REGION
WATER QUALITY BRANCH
MONCTON, NEW BRUNSWICK

ATLANTIC REGION

FEDERAL-PROVINCIAL TOXIC CHEMICAL SURVEY

OF MUNICIPAL DRINKING WATER SOURCES

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ABSTRACT

This report presents the raw data for the province of Prince Edward Island, for the period 1985-1988, from the Federal Provincial Toxic Chemical Survey of Municipal Drinking Water Sources. All chemical analyses performed by the Water Quality Branch and Health and Welfare Canada are tabulated by municipality. Sections of the interpretive report have been included in this data summary so as to provide a narrative for the data and to ensure that the data for the province of Prince Edward Island is available in one document.

The Interpretive report provides a regional and resource management perspective.

SOMMAIRE

Sont présentées dans ce rapport les données brutes de 1985-1988 pour la province de l'Île-du-Prince-Édouard, obtenues lors de l'étude fédérale-provinciale sur les substances chimiques toxiques présentes dans les sources municipales d'eau potable.

Toutes les analyses chimiques, accomplies par la Branche de la qualité de l'eau et par Santé et Bien-être social Canada, sont compilées par municipalité. Des sections du Rapport d'interprétation ont été incluses pour fins de narration et pour assurer que les données pour la province de l'Île-du-Prince-Édouard soient disponibles dans un document.

Le Rapport d'interprétation présente une perspective régionale ainsi qu'une perspective pour les gestionnaires de ressources.

TABLE OF CONTENTS

	PAGE
ABSTRACT	ii
SOMMAIRE	ii
TABLE OF CONTENTS	iii
INTRODUCTION	1
COLLECTION PROCEDURES	3
Parameters and Sampling Sites	3
Sample Collection	3
Sample Preservation	4
QUALITY ASSURANCE/QUALITY CONTROL PROCEDURES	5
LABORATORY PROCEDURES	7
RESULTS	9
Municipalities Sampled	10
Supply Source Results	13
Volatile Organic Materials Results	19
DISCUSSION	24
RECOMMENDATIONS	27
ACKNOWLEDGEMENTS	29
REFERENCES	30

LIST OF FIGURES

Figure 1: Drinking Water Sources Survey Study Site in Prince Edward Island	10

LIST OF TABLES

Table 1:	Parameters Quantitated by the Water Quality Branch	33
Table 2:	Volatile Organic (VO) Compounds Studied with Minimum Quantifiable Limits	36
Table 3:	Prince Edward Island Site Data	11
Table 4:	Yearly QA/QC Raw Data	38
Table 5:	Provincial QA/QC Raw Data	39

LIST OF APPENDICES

Appendix I:	Quality Control/Quality Assurance Results	40
Appendix II:	Municipal Supply Data	45
Appendix III:	Health and Welfare Canada Volatile Organic Materials Data	216

INTRODUCTION

The Federal-Provincial Toxic Chemical Survey of Municipal Drinking Water Sources was conceived as an intergovernmental and interdepartmental project to assess the quality of raw water entering municipal distribution systems in the Atlantic Region. Municipal withdrawal represents only one water use sector, but it is one that is of importance to all Canadians. The surface waters of Atlantic Canada are frequented by various aquatic and terrestrial life forms and provide recreational and aesthetic enjoyment. Water quantity and quality are of importance to the industrial/commercial sector also. It was however the environment-health linkage that this study addressed.

The Government of Canada, represented by Environment Canada (Water Quality Branch) and Health and Welfare Canada (Health Protection Branch), worked in close cooperation with the Department of Health and Community Services in New Brunswick, the Department of Health and Fitness in Nova Scotia, the Department of Environment and Lands in Newfoundland and the Prince Edward Island Department of the Environment. Agriculture Canada was invited to participate as an information member of the working group. The goal of the study was to describe the current state of the raw drinking water sources serving Atlantic Canadian municipalities. In order to meet this objective, several needs/questions were identified:

1. The need to develop a database of water quality information for various surface and ground water sources of municipal drinking water.

2. The need to describe the water quality by means of a data comparison to the Guidelines for Canadian Drinking Water Quality (Health and Welfare Canada, 1987) with specific focus in the areas of toxic organic and inorganic compounds.

3. The need to identify and investigate the relationship between water quality and anthropogenic activities including compounds potentially formed in some water treatment processes.

4. The need to investigate previously documented problem areas so as to determine their current status.

5. The need to identify existing acute problem areas, and to respond to any acute situation in order to protect public health.

6. The need to identify emerging areas of concern based upon the data gathered.

7. The need to identify management strategies related to the water resource so as to protect or enhance the quality of water serving Atlantic Canadians.

8. The need to utilize the data and subsequent interpretation to plan future monitoring programs.

Two documents have been produced to meet these objectives. Interim data summary reports were generated for the periods 1985 to 1986 and 1987 (O'Neill and MacKeigan, 1987; MacKeigan, 1988). These reports met the federal commitment to this study by providing raw data and preliminary interpretations. A major interpretive report has been prepared which addresses questions 3 through 8. Due to the sheer amount of data available, the production of two volumes was warranted. This 1985-1988 data summary presents all the data obtained for the province of Prince Edward Island and serves as a companion volume to the interpretive report. This document collates all of the data so as to provide a useful reference document, for municipal, provincial and federal agencies interested in the ground water resource of Prince Edward Island.

COLLECTION PROCEDURES

Parameters and Sampling Sites

Over 150 chemicals were quantified on each supply source sampled during the survey. The parameter list was negotiated among the principal parties and represented a cross section of various in-use pesticides, past-use pesticides, synthetic organic chemicals, volatile organic materials (VOM), metals, major ions and physical parameters. Water from the distribution system was also collected for VOM analysis by Health and Welfare Canada. Parameter selections were based upon the Guidelines for Canadian Drinking Water Quality (Health and Welfare Canada, 1987) Water Quality Branch analytical capabilities, Health and Welfare Canada concerns, and the concerns of each individual province. A four year master suite of parameters was agreed upon. A detailed list of the chemicals investigated is presented in Table 1, including the parameter description, detection limit, the maximum acceptable concentrations (MAC) for drinking water and the CCREM (1987) aquatic limits. These represent the analyses performed by the Water Quality Branch. Health and Welfare Canada contracted Barringer-Magenta Ltd. of Toronto to conduct the analysis for volatile organic materials (VOM). A list of the VOMs quantified with minimum quantifiable limits and maximum allowable concentrations is presented in Table 2.

Sampling sites in Prince Edward Island were selected by the Prince Edward Island Department of the Environment. Ten municipalities were sampled in duplicate during a given year with sampling occurring during the spring and fall.

Sample Collection

Sampling was carried out in cooperation with representatives of the Prince Edward Island Department of the

Environment and frequently with personnel from the municipality. At each site sequential duplicate samples were obtained from the raw source. In the case of ground water sources, a tap in the pumphouse was generally used for sampling. Samples were taken prior to entry of the source water into any treatment system or the distribution network. Though water-infrastructure interaction could not be totally eliminated, it was minimized by flushing the tap. Duplicate volatile organic material samples were collected at both entry to the municipal system and at some point in the distribution network. The field procedures of Arseneault et al. (1984) were employed to maintain sample integrity.

Sample Preservation

Only specific bottles associated with trace organic chemical analyses were preserved in the field. VOM samples were always kept in a cooler on ice or in a refrigerator. Upon arrival in Moncton, they were repackaged with freezer packs and shipped by courier service to Barringer-Magenta. Samples for organochlorine insecticides, chlorobenzenes, polynuclear aromatic hydrocarbons and polychlorinated biphenyls were preserved in the field with the addition of pesticide grade hexane. Initially, carbamate insecticide samples were preserved by pH adjustment to pH 3 with 25% sulphuric acid. This practice was discontinued in 1988. Samples were kept as cool as possible during the sampling period.

The complexity of the analytical procedures employed reinforced the need to have a comprehensive quality assurance and quality control program in place during the course of the study.

QUALITY ASSURANCE/QUALITY CONTROL PROCEDURES

In order to ensure the validity of the generated data, a quality assurance/quality control (QA/QC) program was employed throughout. Each parameter group was represented within the QA/QC program, and addressed in an appropriate manner.

Firstly, all samples were collected in duplicate. In the case of metals, distilled water was obtained from the atomic absorption laboratory for the preparation of blanks to ensure the quality of the collection bottles.

Due to the complexity of the synthetic organic chemical analyses, it was necessary to have a more extensive quality assurance program. Laboratory glass distilled water was transported to the field for the purpose of preparing blanks and spiked blanks. In addition, natural waters collected from the sites were also spiked. Mixed spiking solutions were prepared by personnel of the organic laboratory and contained several compounds from each chemical group on the analytical parameter list. The contents of the spiking solutions were modified between 1985 and 1988 with some of the organochlorines, organophosphorus and chlorophenols being removed. Spiking solutions were kept refrigerated by the laboratory staff, and field personnel obtained sub-samples just prior to departure for sample collection. Once in the field, the solutions were kept cool and were only allowed to warm to ambient temperature at the time of use. A Hamilton® syringe was used for spiking samples with 100 μL of the appropriate spiking solution. The syringe was triple rinsed with solvent from a separate vial.

As part of the laboratory handling of the samples in the trace organic laboratory, method blanks were routinely incorporated into each extraction grouping to verify the integrity of the solvents, materials and glassware used in the analyses. Laboratory spikes of natural and distilled waters are

also utilized on a less frequent basis than the method blanks to provide an additional internal check on the extraction methodology. The atomic absorption laboratory utilizes National Bureau of Standards reference materials for internal laboratory quality control while the major ion and nutrient laboratory use internal reference materials and ion balance checks to provide control charts. All quality control samples are handled in the same manner as any regular sample by both field and laboratory personnel.

Additionally, the Analytical Services Division routinely participates in intra-laboratory and inter-laboratory quality control studies and audits for inorganic and organic parameters, the results of which are tabulated by the Department.

Health and Welfare Canada established quality control guidelines for the contract analyses of volatile organic materials. No samples were quantified until daily blanks and standards had been verified, duplicates were analyzed if a target compound concentration lay outside the linear response of the instrumentation, and duplicates were routinely run on 10% of the samples. In addition field blanks and blind fortified samples were included during each sampling season. Barringer-Magenta were aware that the samples were quality controls but were not informed of the identity or concentration of the fortifying target compounds (LeBel, personal communication).

LABORATORY PROCEDURES

Upon receipt by the Analytical Services Division, the samples were immediately placed in large storage refrigerators, assigned laboratory control numbers, laboratory preserved when required, and initialized on the laboratory management system.

Most trace organic analyses were carried out employing methods highlighted in the NAQUADAT Dictionary of Parameter Codes 1985 (Environment Canada, 1985) and the Water Quality Branch Analytical Methods Manual 1979 (Environment Canada, 1979). Some methods were modified to complement the analytical instrumentation of the laboratory, and the nature of some of the soft and coloured waters encountered in the Atlantic Region.

The analysis of organochlorine insecticides, chlorobenzenes, and PCBs was carried out using simultaneous injection onto two capillary gas chromatography columns (electron capture detectors) with retention time, relative retention time, and relative peak response used for identification. Chlorophenols were extracted using in-situ acetylation (Stokker, 1987) and quantified with dual column capillary gas chromatography followed by electron capture detection.

Organophosphorus insecticides and carbofuran were quantified using packed column and capillary column gas chromatography with a thermionic nitrogen-phosphorus specific detector.

Polynuclear aromatic hydrocarbons were quantified using reverse phase high performance liquid chromatography with fluorescence detection at an excitation wavelength of 280 nm and emission wavelength of 370 nm.

Carbamates were determined using two different methods. In early 1985 the samples were quantified using a gas liquid chromatograph and a nitrogen-phosphorus detector. The remainder of 1985, 1986 and in 1988, they were quantified using high performance liquid chromatography with post-column derivatization and fluorescence detection. This method uses a concentrator column that is installed in the sampler loop and is backflushed onto the analytical column. Separation is followed by post-column hydrolysis and the formation of a fluorophore prior to detection (Chaput, 1986).

Major ion and metal analyses were carried out using the methods in the Analytical Methods Manual (Environment Canada, 1979) or methods adapted for the region. Sulphate analyses were performed using both ion chromatography and colourimetric techniques. Chloride analyses changed from an ion specific electrode method to ion chromatography during the course of the study.

Barringer-Magenta, the contractor responsible for the VOM analyses used purge-and-trap gas chromatography mass spectrometer techniques. This method is best suited as a broad screening tool for the detection of an overall contamination problem (LeBel, personal communication), and includes the trihalomethanes which are formed in some water treatment processes that use chlorine as a disinfectant.

RESULTS

The purpose of this data summary is to present the observed data for the Province of Prince Edward Island in a manner that will facilitate subsequent distribution. This will be done in two steps. Firstly, the results section for the province of Prince Edward Island will be extracted from the Interpretive Report in order to provide a narrative description of the observations. For completeness, the discussion and recommendation sections for Prince Edward Island have also been extracted from the Interpretive Report. Secondly, the raw data for each municipal supply source will be tabulated in the appendices.

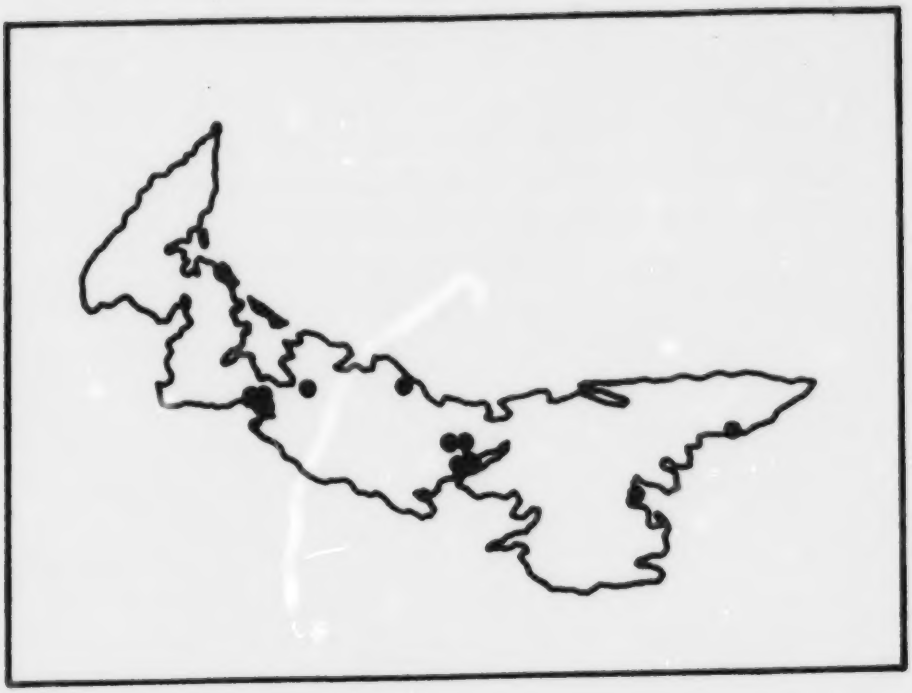

Figure 1: Drinking Water Sources Survey Sites in Prince Edward Island.

Municipalities Sampled

As Prince Edward Island has been involved with this study since 1986, only thirty municipal raw sources have been sampled at this writing. Figure 1 illustrates the locations while Table 3 tabulates the year of sampling, municipal source, whether the source is surface water or ground water, the population serviced, and the type of treatment process employed.

TABLE 3: Prince Edward Island Site Data

1986	Source	Serviced Population[a] (Environment Canada 1982)	Treatment[c]
Charlottetown (Brackley #9)	G	21,000	Chlorination, Fluoridation
(Union #5)	G		Chlorination, Fluoridation
(Main Malpeque)	G		Chlorination, Fluoridation
Georgetown (Well #7)	G	790[b]	No treatment
Kensington (Well #2)	G	1,112[b]	No treatment
Parkdale (Ellis Road Well)	G	2,340	Chlorination
Souris (Longworth Well)	G	1,468[b]	No treatment
St. Eleanors (Well #2)	G	2,468	No treatment
Summerside (Well #6)	G		No treatment
Summerside (Well #7)	G	9,439	No treatment
1987			
Charlottetown (Main Malpeque)	G		Chlorination, Fluoridation
(Brackley #12)	G		Chlorination, Fluoridation
(Union A)	G		Chlorination, Fluoridation
Kensington (Well #2)	G		No treatment
North Rustico (Well at Lions Club)	G	722[b]	No treatment
Parkdale (Well #3)	G		Chlorination
Souris (Industrial Park Well)	G		No treatment
St. Eleanors (Well #3)	G		No treatment
Summerside (Well #6)	G		No treatment
Summerside (Well #7)	G		No treatment

1988

Charlottetown (Main Malpeque)	G		Chlorination, Fluoridation
(Brackley #12)	G		Chlorination, Fluoridation
(Union #4)	G		Chlorination, Fluoridation
Georgetown (Well #7)	G		No treatment
Kensington (Well #2)	G		No treatment
North Rustico (Well)	G		No treatment
Souris (Union Ave. Well)	G		No treatment
St. Eleanors (Well #4)	G		No treatment
Summerside (Well #6)	G		No treatment
Summerside (Well #7)	G		No treatment
TOTAL		39,339	

a Environment Canada (1982)

b Serviced population not specified: total population used

c P.E.I. Dept of the Environment

SUPPLY SOURCE RESULTS

Inorganic Parameters

Arsenic

The Guidelines for Canadian Drinking Water Quality (Health and Welfare Canada, 1987) specify a Maximum Acceptable Concentration (MAC) for arsenic of 0.05 mg/L. The majority of observations on P.E.I. were less than the detection limit of 0.0005 mg/L. There were a few positive observations at Georgetown #7, 0.005 mg/L and Souris 0.004 mg/L in 1986 and Souris at 0.002 and 0.004 mg/L in the spring and fall of 1987. All observations were below the MAC.

Cadmium

All observations were less than the detection limit of 0.001 mg/L and thus were below the MAC of 0.005 mg/L.

Chloride

All observations were below the aesthetic objective of 250 mg/L.

Chromium

The MAC for chromium is 0.05 mg/L. Chromium was not quantified in 1985. In 1986 all wells showed values ranging from detection limit (0.0002 mg/L) to 0.0008 mg/L. Samples from 1987 also indicated chromium presence at detection limit values. Observations in 1988 indicated chromium concentrations ranging from 0.0002 to 0.002 mg/L.

Copper

The aesthetic objective for copper is 5 mg/L. The majority of observations were less than the detection limit of 0.002 mg/L. There were some observations at 0.02 mg/L which is still 2 orders of magnitude below the guideline.

Fluoride	The MAC for fluoride is 1.5 mg/L. All samples were less than the detection limit of 0.05 mg/L in 1986 while several sites, Main Malpeque, Parkdale #3, Brackley #12, Union A, Rustico and Souris had detection limit observations in 1987 and 1988.
Iron	The aesthetic objective for iron is 0.3 mg/L. Only St. Eleanors #4 and Main Malpeque wells were in excess of the guideline but were within the same order of magnitude. St. Eleanors # 4 had spring iron observations of 1.0 mg/L in 1988. All other observations were below the HWC guideline.
Sulphate	All observations were less than the MAC of 500 mg/L for sulphate.
Lead	Most observations were less than the detection limit of 0.002 mg/L with a few at detection limit and thus were under the MAC of 0.05 mg/L.
Manganese	Most observations were less than the detection limit of 0.001 mg/L and thus were below the aesthetic objective of 0.05 mg/L.
Mercury	With the exception of St. Eleanors #2 in 1986, all observations were less than the detection limit of 0.02 µg/L. St. Eleanors #2 reported 0.06 and 0.07 µg/L in the spring and fall. These were under the MAC of 1.0 µg/L.

Nitrate + Nitrite	The MAC for nitrate-nitrogen is 10 mg/L while the nitrite-nitrogen MAC is 1.0 mg/L. The analytical methodology reports only the total of nitrate plus nitrite. All observations were above 1 mg/L-N, with the exception of Georgetown #7 (which was below), but below the 10 mg/L nitrate-nitrogen MAC. Though P.E.I. did not have the highest reported nitrate/nitrite in the region, it did have the greatest number of municipal sources over 1.0 mg/L. The widespread nitrate observations are an indication of land use activities affecting ground water sources.
pH	All pH observations were within the 6.5 to 8.5 pH unit aesthetic objective specified in the guidelines.
Zinc	The aesthetic objective for zinc is 5 mg/L. All observations were below the aesthetic objective.
Colour	All colour observations were less than 5 colour units and thus under the aesthetic objective of 15 colour units.
Turbidity	All observations, with the exception of St. Eleanors #4, were under the MAC of 1 NTU for turbidity. In the fall of 1988 the turbidity of St. Eleanors #4 was 23 and 14 NTU. These observations warrant a follow up.

Organic and Pesticide Parameters

Seven organic chemical classes of environmental and health significance were included in the study parameter list. Within these classes some parameters do not have Canadian Drinking Water Quality or CCREM guidelines. They represent pesticides and industrial chemicals and encompass both past and present day usage.

Organophosphorus Compounds (OP)

These chemicals are phosphorus containing pesticides that are used to protect crops against insect pests. Fifteen OPs were quantified during the course of this study. Carbophenothion, phorate, disulfoton and methyl parathion were reported at detection limit concentrations in some individual samples. Similar results were noted in the other Atlantic Provinces for carbophenothion, and phorate indicating either some form of reagent, solvent or bottle contamination or interfering co-extractive.

Chlorinated Phenols (CP)

Chlorinated phenols have industrial applications as fungicides and algicides. Fourteen chlorophenol isomers were quantified with only a few individual observations of pentachlorophenol being reported. These observations were not matched in duplicate samples and were all at detection limit. The spring 1988 duplicate

from Souris indicated the presence of pentachlorophenol at a concentration of 0.007 µg/L. All observations were below the maximum acceptable concentration of 60 µg/L.

Carbamates

Carbamates are nitrogen containing pesticides that are used in crop protection against insect pests. Five carbamates were quantified with aldicarb (0.05 µg/L) and aldicarb sulfoxide (0.47 and 0.34 µg/L) being reported in St. Eleanors #2. Carbamate analysis was not carried out in 1987 due to instrument set-up time (MacKeigan, 1988). In the spring of 1988 aldicarb sulfoxide (0.1 µg/L) and aldicarb sulfone (0.25 µg/L) were detected in the St. Eleanors #4 sample. Prince Edward Island was the only province to indicate consistent aldicarb or metabolite presence in a raw water supply. All observations were below the 9 µg/L MAC for aldicarb.

Organochlorine Compounds (OC)

These chlorine containing compounds are persistent and may bio-accumulate. Only a few are still registered for use in Canada. DDT, the most widely known OC, was banned from use in Canada in 1972. Seventeen OCs were quantified during the study. Traces of heptachlor were observed in the fall of 1986 at Main Malpeque and Georgetown and in 1988 a trace at Souris, while a trace of lindane (0.008 µg/L) was reported in the fall of 1986 at St. Eleanors #2. These results did not match with the spring set of samples

which were less than the detection limits. No alpha-BHC was detected in ground water. The maximum acceptable concentrations for heptachlor and lindane are 3 µg/L and 4 µg/L respectively (Health and Welfare Canada, 1987).

Polychlorinated Biphenyls (PCB)

These products were used as dielectric fluids, heat transfer fluids, flame retardants, and waterproofing agents. They are persistent and their manufacture, and importation in Canada has been banned. All samples, with the exception of a single sample from St. Eleanors #2, were less than the detection limit of 0.005 µg/L. The one single sample of a duplicate from St. Eleanors #2 was reported as 0.063 µg/L PCB. As the fall samples did not indicate detectable levels of PCB, this value is felt to be anomalous, but should be followed-up.

Chlorinated Benzenes (CB)

Chlorobenzenes have found uses both in industry as dyes, lubricants and solvents and in agriculture as pesticides. Eleven chlorobenzene isomers were quantified and all raw sources were reported as less than the detection limit for the isomers and thus below specified maximum acceptable concentrations.

Polynuclear Aromatic Hydrocarbons (PAH)

PAHs are produced from the incomplete combustion of organic material, (ie. fuels).

They may also be produced through natural processes such as forest fires, volcanoes and tar pits (CCREM, 1987). These compounds are of interest due to their carcinogenicity. Six PAHs were studied with the ubiquitous compound fluoranthene being observed at low levels in almost every supply at ranges from 0.001 to 0.004 µg/L. Similar observations have been reported throughout the region. One sample from the St. Eleanors #2 well in 1986 also indicated the presence of 4 other PAHs at detection limit values. Though only reported in one sample of a duplicate this observation warrants a follow-up.

Volatile Organic Materials (VOM), Health and Welfare Canada Analysis

Over 50 VOMs were analyzed by a contract laboratory under the direction of Health and Welfare Canada. Samples were collected in duplicate from the same locale as Water Quality Branch samples and also at some point in the distribution system. These VOMs represent industrial/commercial solvents, thinners, and degreasing agents, as well as the by-products of the chlorination of raw water.

Several VOMs were detected at levels between the MDL and MQL (MQL=10xMDL). Their presence is indicated as trace (T) in the data reports with the estimated concentration shown in parenthesis.

The presence of some VOMs, i.e. dichloromethane, toluene, etc., at trace levels in blanks illustrates the ubiquity of these VOMs. Complete control of the whole analytical scheme is required to minimize these interferences.

Trihalomethanes (THM)

Trihalomethanes may be formed during the chlorination process as a result of reaction with organic materials in the raw source. The Guidelines for Canadian Drinking Water Quality (Health and Welfare Canada, 1987) specify a MAC of 350 µg/L for total trihalomethanes.

Only nine sampling sites of thirty have treatment involving chlorination. Trihalomethane levels observed were either close to the MQL (0.5 µg/L) or at trace levels. THMs are low in P.E.I. water supplies because of the low concentrations of precursor compounds.

Others

Several other VOMs were quantified and were found in raw ground water sources and corresponding drinking water samples, in the spring and fall of 1986, 1987, and 1988. They are summarized as follows with the locations, VOM, date, water type and VOM concentrations.

Raw Sources/(Drinking Water)[1]

Location	Chemical	Time	Water Type	Concentration µg/L
Charlottetown (Main Malpeque)	Trichloroethene	S-1986	Raw	1.6, 1.5 (a)
	"	"	System	N/A (b)
		F-1986	Raw	0.9
			System	N/A
		S-1987	Raw	0.5
		"	System	Trace (0.3)
		F-1987	Raw	0.7
		"	System	0.5
		S-1988	Raw	0.3, 0.3
		"	System	N/D (c)
		F-1988	Raw	0.7, 0.7
		"	System	0.2, 0.7, 1.0
	Tetrachloro-ethene	S-1986	Raw	3.5, 3.8
		"	System	N/A
		F-1986	Raw	3.7, 3.4
		"	System	N/A
		S-1987	Raw	2.5
		"	System	1.7
		F-1987	Raw	3.8
		"	System	2.8
		S-1988	Raw	1.9
		"	System	1.4, 1.9, 1.6
		F-1988	Raw	2.8, 2.9, 2.3
		"	System	2.2, 2.9, 4.2

	1,1,2-trifluoro-trichloroethene (CFC-113)	F-1986	Raw	7.7, 6.0
		"	System	N/A
		F-1987	Raw	6.6
		"	System	5.3
		S-1988	Raw	1.3
		"	System	1.2, 1.9, 1.3
		F-1988	Raw	3.7, 3.8, 3.3
		"	System	3.1, 3.7, 5.1
Summerside #7	Tetrachloro-ethene	S-1986	Raw	2.5
		"	System	N/A
		F-1986	Raw	2.0
		"	System	N/A
		S-1987	Raw	4.7
		"	System	Trace (0.1),(0.2)
		F-1987	Raw	4.8
		"	System	0.6, 0.5
		S-1988	Raw	1.9
		"	System	ND
		F-1988	Raw	2.1
		"	System	Trace (0.15)
St. Eleanors #2	trichlorofluo-romethane (CFC-11)	F-1986	Raw	2.0, 1.7 (a)
		"	System	N/A

(a) Duplicate or triplicate observations

(b) N/A indicates that the drinking water sample was not collected

(c) ND indicates not detected

The number and frequency of VOM detection in raw sources on P.E.I. is in excess of those observed in any other ground water source surveyed in this study indicating an area of concern for the Island. It must be stressed that the VOMs reported were detected in only three wells, two of which, Charlottetown Main Malpeque and St. Eleanors #2 are back-up supplies. These three wells were sampled each year due to the detection of three volatile organic compounds in 1986. The levels reported for tetrachloroethene and trichloroethene are below the 1984 WHO guidelines of 10 µg/L and 30 µg/L respectively (Lappenbush, 1986).

DISCUSSION

Based upon the parameters quantified during this study, the municipal raw sources sampled in Prince Edward Island meet the maximum acceptable concentrations of the Guidelines for Canadian Drinking Water Quality (Health and Welfare Canada, 1987). Only iron in two instances marginally exceeded the guideline. The guideline for iron is set primarily for aesthetic rather than health reasons. Due to the difference in aquifer geology from the other Atlantic Provinces, no manganese was detected in any of the survey sites. However, there are areas of concern with respect to the ground water resource of Prince Edward Island.

Direct land use impact has traditionally been thought to affect primarily individual private wells in agricultural areas. However, data gathered for the municipalities surveyed clearly indicates that nitrate presence in excess of 1 mg/L is the rule rather than the exception. Excluding Georgetown #7, all municipal raw sources sampled were above 1 mg/L for nitrate + nitrite- nitrogen. These observations are below the 10 mg/L nitrate-nitrogen MAC specified in the Guidelines for Canadian Drinking Water Quality (Health and Welfare Canada, 1987). Though Prince Edward Island did not have the highest reported nitrate observation it did have the greatest number of municipal sources (15) over 1.0 mg/L. Four ground water sources in New Brunswick, and four in Nova Scotia were above the 1 mg/L reference point; all in agricultural areas.

Given that 30% of Prince Edward Island's land mass is improved farmland (Gillis and Walker, 1986) and that all of the population is dependent upon ground water (Science Council of Canada, 1988), the potential impacts from agriculture are numerous. Agricultural pesticides have been detected during this study also. Aldicarb (Temik) and both of its metabolites, aldicarb sulfoxide and aldicarb sulfone were detected in the St. Eleanors wells at concentrations an order of magnitude below the

9.0 µg/L (Health and Welfare Canada, 1987) maximum acceptable concentration set for aldicarb.

The presence of trichloroethene, tetrachloroethene, trichlorofluoromethane, and trifluorotrichloroethane in municipal raw sources points to another area of ground water concern: contamination of aquifers by volatile organic materials. These materials are typically thinners, degreasing agents, dry cleaning fluids and other industrial/commercial solvents. The presence of these materials are another example of human land use and surface activity impacting upon the aquifers below. The presence of chlorofluorocarbons is also of significance on a national and international basis due to concern for the ozone layer.

It must be stressed that the well (Main Malpeque) most frequently observed to have volatile organic materials is not on the distribution system for Charlottetown but is an emergency backup. This well is a shallow dug well and is more susceptible to contamination. The industrial land use in the immediate vicinity of the well and the topography are probably responsible for these effects. However, Prince Edward Island had a higher proportion of wells (.18) with reportable VOMs, excluding trihalomethane, than did Nova Scotia (.12) or New Brunswick (.04). Trihalomethanes, when detected, were found at very low concentrations close to MQL (0.5 µg/L) or at trace concentrations.

Ground waters on Prince Edward Island were similar to ground and surface sources in the other Atlantic Provinces in that the polynuclear aromatic hydrocarbon (PAH) fluoranthene was frequently detected at concentrations ranging from detection limit, 0.001 µg/L to 0.004 µg/L. Though PAHs may occur naturally through forest fires, volcanoes and diagenesis their principal source is the incomplete combustion of organic materials (CCREM, 1987). The widespread presence of

fluoranthene in regional surface waters indicates the extent of its transport and its resultant ubiquitous nature. The presence of fluoranthene in surface waters has been reported throughout the region (O'Neill, 1988) as has its presence in wet precipitation (Brun, 1985).

Ground water data were also compared to the CCREM (1987) guidelines for the protection of the aquatic environment. This comparison is valid for surface waters as they are frequented by aquatic and terrestrial life forms. To a considerable extent this is applicable to Prince Edward Island as ground water provides base flow to surface water systems. Possible infrastructure inputs of metals such as chromium, zinc, iron or copper were considered when reviewing the data. Metal observations were below the guidelines for aquatic life as were the organics and pesticides. Organochlorines for example are generally associated with the sediment component of the water column and as such as not generally observed in waters at detectable concentrations. However field investigations in all three Maritime provinces and Labrador over several years have indicated the presence of DDT metabolites in fish liver tissue even though water concentrations have been less than detection (Lockerbie and Clair, 1988).

The inputs of acidic precipitation from both localized and long range sources has been documented in the region (Howell and Brooksbank, 1987) as have the impacts upon various aquatic life forms, especially the Atlantic salmon (Watt, 1987). These effects are generally not observed on Prince Edward Island due to the buffering capacity of calcite and dolomite in the subsurface bedrock.

Data from this study have shown that the ground waters of Prince Edward Island have been affected by human activity as typified by the presence of nitrates, pesticides and volatile organics.

RECOMMENDATIONS

Prince Edward Island's total dependence upon ground water supplies accents the need to protect ground water quality in that province. The results of the monitoring program show that municipal water supplies generally have very good quality drinking water that meets current guidelines. Areas of possible concern where future monitoring and preventative steps would appear to be necessary are identified by the presence of nitrates, pesticide residues and volatile organic materials. Further assessment of potential sources of ground water contamination by volatile organics would appear to be appropriate, although made difficult by the relatively low levels identified.

The province of Prince Edward Island is planning to conduct a study on the vulnerability of fresh water supplies to populated industrial activities. Part of this study will include an evaluation of existing municipal water supplies with a review of any water quality problems and how they may have been caused. For example: An analysis of the potential industrial contaminant sources within the Main Malpeque aquifer might provide important information so as to predict possible inputs to other municipal wells on P.E.I.

The province is currently conducting a two-year survey on the occurrence of nitrates in Prince Edward Island ground water. A total of 54 wells are being sampled on a monthly basis. Wells were selected in six different land use areas to correlate nitrate concentrations with land use activities.

Based upon the observations gathered in three years of baseline studies, it would appear that the province should be most concerned with nitrates (to ensure levels do not increase), pesticide residues and volatile organic materials. A balance between the agricultural component of the economic sector and

the protection of the water resource will have to be formulated. Ground water sources are difficult and costly to rehabilitate as well as difficult to find.

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REFERENCES

Arseneault, R.A., G.D. Howell and D.M. Lockerbie (1984). The Water Quality Branch, Atlantic Region, Field Quality Control/Quality Assurance Program. Draft Report, Environment Canada, Inland Waters Directorate, Water Quality Branch, Moncton, N. B.

Benoit, F.M., and G.L. LeBel (1986). Precision and Accuracy of Concurrent Multicomponent Multiclass Analysis of Drinking Water Extracts by GC/MS. Bull. Environ. Contam. Toxicol. 37:686-691.

Brun, G.L. (1985). Data Summary Report on Trace Organic Contaminants in Atlantic Region Precipitation During 1984. IWD-AR-WQB-85-84, Environment Canada, Water Quality Branch, Atlantic Region, Moncton, N. B.

CCREM (1987). Canadian Water Quality Guidelines. Canadian Council of Resource and Environment Ministers. Environment Canada, Inland Waters Directorate, Ottawa, Canada.

Chaput, D. (1986). On Line Trace Enrichment for Determination of Aldicarb Species in Water, Using Liquid Chromatography with Post-Column Derivitization. National Hydrology Research Institute, Environment Canada, Ottawa, Canada.

Chau, A.S.Y., H.B. Lee, J. Lawrence (1986). Quality Assurance Guidelines for the Selection and Monitoring of Contract Laboratories for Chemical Analysis of Environmental Samples. NHRI Contribution 87-66, Research and Applications Branch, NHRI, Canada Centre for Inland Waters, Burlington, Ont.

Environment Canada (1979). Analytical Methods Manual 1979. Inland Waters Directorate, Water Quality Branch, Ottawa, Canada.

Environment Canada (1982). National Inventory of Municipal Waterworks and Wastewater Systems in Canada 1981. Environmental Protection Service, Water Pollution Control Directorate, Ottawa, Canada.

Environment Canada (1985). NAQUADAT Dictionary of Parameter Codes 1985. Data Systems Section, Inland Waters Directorate, Water Quality Branch, Ottawa, Canada.

Gillis, M. and D. Walker (1986). Pesticides and Ground Water in the Atlantic Region. IWD-AR-WPMB-111-86, Environment Canada, Water Planning and Management Branch, Dartmouth, N.S.

Health and Welfare Canada (1987). Guidelines for Canadian Drinking Water Quality. Federal-Provincial Advisory Committee on Environmental and Occupational Health, Health and Welfare Canada, Ottawa, Canada.

Health and Welfare Canada (1978) Guidelines for Canadian Drinking Water Quality 1978. Health and Welfare Canada, Ottawa, Canada.

Howell, G.D. and P. Brooksbank (1987). An Assessment of LRTAP Acidification of Surface Waters in Atlantic Canada. IW/L-AR-WQB-87-127, Environment Canada, Water Quality Branch, Atlantic Region, Moncton, N. B.

Lockerbie, D.M. and T.A. Clair (1988). Organic Contaminants in Isolated Lakes of Southern Labrador, Canada. Bull. Environ. Contam. Toxicol. 41:625-632.

MacKeigan, K.G. (1988). Data Summary Report(s); Federal-Provincial Drinking Water Sources Toxic Chemical Study: New Brunswick 1987; Newfoundland 1987; Nova Scotia 1987; Prince Edward Island 1987. Inland Waters Directorate, Water Quality Branch, Moncton, N. B.

O'Neill, H.J. and K.G. MacKeigan (1987). Data Summary Report(s); Federal-Provincial Drinking Water Sources Toxic Chemical Study: New Brunswick 1985-1986; Nova Scotia 1985-1986; Newfoundland 1985-1986; Prince Edward Island 1986. Inland Waters Directorate, Water Quality Branch, Moncton, N. B.

O'Neill, H.J. (1988). An Assessment of Atlantic Region Water Quality Branch Toxic Chemical Data 1980-1987. IW/L-AR-WQB-88-140, Environment Canada, Water Quality Branch, Atlantic Region, Moncton, N. B.

Science Council of Canada (1988). Water 2020: Sustainable Use for Water in the 21st Century, Ottawa, Canada.

Stokker, Y. (1987). Method for the Analysis of Dinoseb in Natural Waters by In-Situ Acetylation. Research and Application Branch, National Water Research Institute, Burlington, Ont.

Watt, W.D. (1987). A Summary of the Impact of Acid Rain on Atlantic Salmon in Canada. Water, Air and Soil Poll., 35:27-35.

TABLE 1
PARAMETERS QUANTITATED BY THE WATER QUALITY BRANCH

Inorganic and Physical Parameters

DESCRIPTION	DETECTION LIMIT	HWC 1987 LIMIT	HWC BASIS	CCREM 1988 AQUATIC LIMIT
Apparent Colour (Rel. Units)	<5.	15 (TCU)	A	
Specific Cond. (µS/cm)	0.2	-	-	
Turbidity (NTU)	0.0	1&5	H	
pH (pH units)		6.5-8.5	A	6.5-9.0
Total Alkalinity (mg/L)	0.5	-	-	
Gran Alkalinity (mg/L)	-100	-	-	
Calcium-Diss (mg/L)	0.01	-	-	
Magnesium-Diss (mg/L)	0.1	-	-	
Sodium-Diss (mg/L)	0.1	-	-	
Potassium-Diss (mg/L)	0.1	-	-	
Chloride-Diss (mg/L)	0.5	250	A	
Chloride-Diss (IC) (mg/L)	0.5	250	A	
Sulphate-Diss (mg/L)	1.0	500	H	
Sulphate-Diss (IC) (mg/L)	0.5	500	H	
Diss. Organic Carbon (mg/L)	0.5	-	-	
Humic Acid (mg/L)	0.5	-	-	
Nitrate&Nitrite-Diss (mg/L-N)	0.01	10	H	
Silica Reactive (mg/L)	0.1	-	-	
Fluoride-Diss (mg/L)	0.05	1.5	H	
Aluminum-Extr (mg/L)	0.010	-	-	0.1-0.005*
Manganese-Extr (mg/L)	0.01	0.05	A	
Iron-Direct (mg/L)	0.010	0.3	A	0.3
Iron-Extr (mg/L)	0.002	0.3	A	0.3
Nickel-Extr (mg/L)	0.002	-	-	0.15-0.025*
Copper-Extr (mg/L)	0.002	1.0	A	.004-.002*
Zinc-Extr (mg/L)	0.01	5.0	A	0.03
Arsenic-Total (mg/L)	0.0002	0.05	H	0.05
Cadmium-Extr (mg/L)	0.001	0.005	H	.0018-0.0002*
Mercury-Extr (µg/L)	0.02	1.0	H	0.1
Lead-Extr (mg/L)	0.002	0.05	H	0.007-0.001*
Chromium-Total (mg/L)	0.0002	0.05	H	.002

* Dependent upon ambient water chemistry

ORGANIC PARAMETERS

DESCRIPTION	DETECTION LIMIT (µg/L)	HWC 1987 LIMIT (µg/L)	HWC BASIS	CCREM 1987 Aquatic Limit (µg/L)
Azinphosethyl	0.003	-	-	
Azinphosmethyl	0.002	20	H	
Carbophenothion	0.001	-	-	
Crufomate	0.006	-	-	
Diazinon	0.001	20	-	
Disulfoton	0.001	-	-	
Ethion	0.001	-	-	
Fenitrothion	0.001	-	-	
Imidan	0.004	-	-	
Malathion	0.001	190	H	
Methyl parathion	0.001	-	-	
Parathion	0.001	50	-	
Phorate	0.001	2 a	H	
Ronnel	0.001	-	-	
2,6-Dichlorophenol	0.03	-	-	0.2
2,5-Dichlorophenol	0.02	-	-	0.2
2,4-Dichlorophenol	0.04	-	-	0.2
3,5-Dichlorophenol	0.04	-	-	0.2
2,3-Dichlorophenol	0.04	-	-	0.2
2,4,6-Trichlorophenol	0.03	5 (2)	H(A)	18
2,3,6-Trichlorophenol	0.01	-	-	18
2,3,5-Trichlorophenol	0.01	-	-	18
2,3,4-Trichlorophenol	0.02	-	-	18
3,4,5-Trichlorophenol	0.02	-	-	18
2,3,5,6-Tetrachlorophenol	0.01	-	-	1
2,3,4,5-Tetrachlorophenol	0.01	-	-	1
Pentachlorophenol	0.01	60(30)	H(A)	0.5
Aldicarb	0.01	9	H	
Aldicarb sulfoxide	0.01	-	-	
Aldicarb sulfone	0.01	-	-	
Carbaryl	0.01	90	H	
Carbofuran	0.01	90	H	

a Interim maximum acceptable concentration

DESCRIPTION	DETECTION LIMIT (µg/L)	HWC 1987 LIMIT (µg/L)	HWC BASIS	CCREM 1987 Aquatic Limit (µg/L)
p,p'-DDT	0.001			0.001
o,p-DDT	0.001	30[b]	H	
p,p'-DDD	0.001			
p,p'-DDE	0.001			
p,p'-Methoxychlor	0.01			
Heptachlor	0.001	3[c]	H	0.01[c]
Heptachlor epoxide	0.001	-	-	
alpha-Endosulphan	0.01	-	-	0.02
beta-Endosulphan	0.01	-	-	
alpha-Chlordane	0.005	7	H	0.006
gamma-Chlordane	0.005	-	-	
Lindane	0.001	4	H	
Alpha-BHC	0.001	-	-	
Mirex	0.001	-	-	
Aldrin	0.001	0.7[d]	H	
Endrin	0.001	-	-	0.0023
Dieldrin	0.01	0.7[d]	H	0.004
Total PCB	0.005	e	e	0.001
1,3-Dichlorobenzene	0.02	-	-	2.5
1,4-Dichlorobenzene	g	5(1)	H(A)	4.0
1,2-Dichlorobenzene	0.02	200(3)	H(A)	2.5
1,2,5-Trichlorobenzene	0.004	-	-	
1,2,4-Trichlorobenzene	0.004	-	-	0.5
1,2,3-Trichlorobenzene	0.004	-	-	0.9
1,2,3,5-Tetrachlorobenzene	0.002	-	-	0.1
1,2,4,5-Tetrachlorobenzene	0.002	-	-	0.15
1,2,3,4-Tetrachlorobenzene	0.002	-	-	0.1
Pentachlorobenzene	0.002	-	-	0.03
Hexachlorobenzene	0.002	-	-	0.0065
Fluoranthene	0.004	-	-	f
Benz(b) Fluoranthene	0.001	-	-	f
Benz(k) Fluoranthene	0.001	-	-	f
Benz(a) Pyrene	0.001	0.01	H	f
Indeno(1,2,3,cd) Pyrene	0.005	-	-	f
Benzo(g,h,i) Perylene	0.005	-	-	f

b Sum of DDT + Metabolites
c Sum of Heptachlor + Heptachlor Epoxide
d Sum of Aldrin + Dieldrin
e Under Review
f Insufficient Data
g Not quantified

TABLE 2

VOLATILE ORGANIC (VO) COMPOUNDS STUDIED WITH MINIMUM QUANTIFIABLE LIMITS

Compound	MQL	MQL (1988) (µg/L)	Guidelines (µg/L) CDWQ (1987)	WHO (1987)	EPA
C_1-halogenated					
chloromethane	5.0	2.0			
bromomethane	5.0	2.0			
dichloromethane	1.0	0.5	50		
chloroform (THM)	1.0	0.2	350[a]	30	100[b]
dibromochloromethane (THM)	1.0	1.0			
dichlorobromomethane (THM)	1.0	0.2			
bromoform (THM)	1.0	2.0			
trichlorofluoromethane*	2.0	1.0			
carbon tetrachloride	1.0	0.2		3	5[b]
Chloro-alkanes					
chloroethane	5.0	5.0			
1,1-dichloroethane	1.0	0.2			
1,2-dichloroethane	1.0	0.2		10	5[b]
1,1,1-trichloroethane	1.0	0.2		100[b]	
1,1,2-trichloroethane	2.0	2.0			
1,1,2,2-tetrachloroethane	2.0	1.0			
1-bromo-2-chloroethane	2.0	1.0			
1,2-dibromoethane	2.0	1.0			
pentachloroethane	1.0	0.5			
hexachloroethane	1.0	0.5			
1,1,2-trifluorotrichloroethane	2.0	1.0			
1,2-dichloropropane	1.0	0.2			
Chloro-alkenes					
vinyl chloride	5.0	2.0			1[b]
1,1-dichloroethene	1.0	0.5		0.3	7[b]
cis-1,2-dichloroethene	0.5	0.2			
trans-1,2-dichloroethene*	0.5	0.2			7[b]
trichloroethene	0.5	0.2		30	
tetrachloroethene	0.5	0.2			
3-chloropropene**	2.0				
trans-1,3-dichloropropene	1.0	0.5			
cis-1,3-dichloropropene	1.0	0.5			
2,3-dichloropropene**	2.0				
1,1,2,2-tetrachloropropene**		2.0			

Aromatics

benzene	0.5	0.1	5	10 5[b]
toluene	0.5	0.2		2000[c]
ethylbenzene	0.5	0.2		680[c]
styrene	0.5	0.2		140[c]
o-xylene	0.5	0.2		440[c]
m-xylene	0.5	0.2		440[c]
p-xylene	0.5	0.2		440[c]
chlorobenzene	0.5	0.2		d 60[c]
bromobenzene	1.0	0.5		
1,2-dichlorobenzene	0.5	0.2	200	d 620[c]
1,3-dichlorobenzene	0.5	0.2		d
1,4-dichlorobenzene	0.5	0.2	5	d 750[c]
1,2,4-trichlorobenzene	1.0	0.5		d 750[c]
isopropylbenzene*	0.2	0.1		
n-propylbenzene*	0.2	0.1		
1-ethyl-3(4)methylbenzene*	0.2	0.1		
1-ethyl-2-methylbenzene*	0.2	0.1		
1,3,5-trimethylbenzene*	0.2	0.1		
1,2,4-trimethylbenzene*	0.2	0.1		
1,2,3-trimethylbenzene*	0.2	0.1		
1,3-diethylbenzene*	0.2	0.1		
1,4-diethylbenzene*	0.2	0.1		
1,2-diethylbenzene*	0.2	0.1		

Miscellaneous

2-chloroethyl vinyl ether	2.0	
acrolein	25.0	10.0
acrylonitrile	10.0	5.0
dichloroacetonitrile	15.0	5.0
1,4-dioxane**	500	
hexachlorobutadiene (HCBD)	1.0	0.5
carbon disulfide**	5.0	

a - MAC = maximum acceptable concentration
b - MCL = maximum contaminant level (enforceable)
c - RMCL= recommended maximum contaminant level (non-enforceable)
d - no health guideline; odor threshold = 0.1-10 µg/L

* - new compound for 1987 study
** - deleted for 1987 study

TABLE 4

YEARLY QA/QC RAW DATA

PARAMETER GROUPS AND FLAGS*

	OC	CB	PAH	OP	CP	CARB	T. FLAGS	# SPIKED	% Flags
1985	14	0	4	3	1	-	22	52	42
1986	2	0	4	5	4	0	15	38	39
1987	0	0	2	1	0	-	3	32	9
1988	1	3	0	2	7	1	14	32	43

Edited Data to remove known field or laboratory error

	OC	CB	PAH	OP	CP	CARB	T. FLAGS	# SPIKED	% Flags
1985	14	0	4	3	1	-	22	52	42
1986	2	0	4	5	4	0	15	38	39
1987	0	0	2	1	0	-	3	32	9
1988	1	0	0	2	0	1	4	32	12

* Using 25% variance reference of Chau *et al.* (1986).

TABLE 5

PROVINCIAL QA/QC RAW DATA

PARAMETER GROUPS AND FLAGS*

	OC	CB	PAH	OP	CP	CARB	T-FLAGS	TOTAL SPLED	% Flags
N.B.	13	0	5	5	1	1	25	56	45
NFLD	12	0	4	6	4	2	28	56	50
N.S.	5	0	4	5	6	1	21	56	38
P.E.I.	1	2	1	4	3	0	11	37	30

Edited for known field or Laboratory Errors

	OC	CB	PAH	OP	CP	CARB	T-FLAGS	TOTAL SPLED	% Flags
N.B.	13	0	5	5	1	1	25	56	45
NFLD	12	0	4	6	4	2	28	56	50
N.S.	5	0	4	5	1	1	16	56	29
P.E.I.	1	0	1	4	3	0	9	37	24

* Using 25% variance reference of Chau *et al.* (1986).

APPENDIX I

Quality Assurance/Quality Control Results

The intent of the Quality Assurance/Quality Control component was to monitor the entire survey encompassing field techniques with respect to sample collection, preservation, handling and transport, as well as analytical procedures, laboratory data entry and reporting. The major portion of QA/QC fell into the area of spiked samples and spiked distilled water. The use of spiked media was critical in measuring field preservation and analytical quantitation techniques.

There were several factors that had to be considered when interpreting the resultant QA/QC data. Early in each sampling year a new spiking solution was prepared by Analytical Services Division personnel for use during that season's sampling. This solution could have been prepared by any one of four individuals. Thus there would be inherent minor differences due to the individual laboratory techniques of each person. Additionally, the quality of any individual neat or stock standard could influence the quality of the final spike prepared. Spikes were prepared so that the concentration of a constituent would be approximately 10 times its detection limit. This was also near the concentration of the injection standard thus providing a check on the standard solutions.

Spiking would have been carried out in the field by any one of three Water Quality Branch personnel and one non-WQB individual using up to three different syringe sizes (100, 250, 500 μL). Though 100 μL was the predetermined volume of spiking solution added, individual syringe technique variances would have applied, coupled with the tolerances of a specific syringe size.

Lastly, the analytical conditions were established on a broad scan basis. For example, in the quantification of the organochlorines, the optimal conditions were established for a scan of 17 chemicals and PCBs rather than for a single constituent of the group.

Thus the QA/QC data must be viewed from two aspects: on a yearly basis to indicate the bias of the four spiking solutions, and on a provincial basis to examine variances as a result of individual spiking and matrix effects. In order to describe any variances, the minimum, maximum, mean and median percent recoveries were calculated as well as the standard deviation. The purpose of yearly and provincial analyses of recovery data was to try to identify whether problem areas existed and if they did, how they might be remedied. As all QA/QC samples were intended as process samples, the identification of errors can only be elementary. Chau et al. (1986) have used a standard deviation of 25% as a guideline in evaluating analytical performance of private sector contract laboratories. This same value was employed in this interpretation.

Yearly Basis

As spiking solutions were freshly prepared at the start of each sampling season, it is most important to first view each spiking solution as a separate entity.

Organochlorines Eighteen OCs were on the initial spiking list. This was eventually modified such that by 1987 only 11 OCs were in the spike. The 1985 data indicate a high bias as several median recoveries ware greater than 100%. However, in all cases, relative standard deviations were lowered during the period 1985 to 1988 indicating an improved performance for this group.

Chlorobenzenes Performance was generally good with respect to chlorobenzene analyses. Standard deviations were stable and slightly improved over the course of the survey. There were two instances of sample evaporation in 1988 that resulted in poor recovery thus skewing the standard deviation.

PAH Performance generally improved from 1985 to 1988. The relative standard deviation (RSD) for fluoranthene was lowered from 31.4% in 1985 to 8.6% in the spring of 1988.

Chlorophenols Chlorophenol performance was stable during the four year survey. Two samples that evaporated raised the RSD in 1988 but when recalculated without these two known errors the RSDs are similar to 1985-1987.

Carbamates Carbaryl was the only carbamate on the QA/QC program in 1985 while aldicarb and its two metabolites were added in 1986. No 1987 data are available due to instrument start up time. The RSDs are acceptable for aldicarb and its metabolites.

Organophosphorus Only azinphosmethyl, disyston, malathion and phorate were on the QA/QC protocol all 4 years although almost all OPs were spiked in 1985. Several samples indicated very low recoveries while others from the same period were satisfactory. As the OPs are generally less stable than the other groups quantified it was expected that there would be wider variances in the recoveries.

In general, for a specific parameter, relative standard deviations remained stable or decreased from 1985-1988 indicating consistent or improving performance respectively. Without question the OP group were problematic with a wider range of percent recoveries and RSDs.

Table 4 presents a group summary and the number of flagged results that exceeded the 25% variance of Chau et al. (1986). The first part of the table presents the data in their raw form while the second part of the table illustrates the results when documented field or laboratory errors are accounted for. As can be seen, in 1985 the organochlorine group (OC) was the most problematic with 14 flagged spikes. The high relative standard deviation appears to be due to an incidence of double spiking in the field but this could not be confirmed from field notes and, as such must be accepted into the data set. The edited data indicate that in 1985, 42% of the spiked constituents were in excess of the 25% relative standard deviation limit and that by 1987 and 1988 this had lowered to 9% and 12% respectively. On a yearly interpretation this would indicate that overall performance improved from 1985 to 1988.

Provincial Basis

Spiking in the field was carried out at the time of sampling by the individual collecting the samples. In New Brunswick up to three WQB personnel carried out this function while in Nova Scotia and PEI one WQB person prepared the spikes. In Newfoundland one non-WQB personnel collected samples and prepared the spikes. For the purposes of this data analysis, it was assumed that any biases inherent in a spiking solution would be manifested in each province and that laboratory procedures would be consistent from year to year.

Table 5 summarizes the parameter groups and flags on a provincial basis. A review of each chemical group indicated that where one WQB person was responsible for the spiking, the standard deviations were lower. This was the case for Prince Edward Island and Nova Scotia. It should be mentioned though that on PEI only ground water was spiked and PEI was included only from 1986 onward. Thus the high bias of the 1985 spikes did not reflect in the total number of flags. Where ground water does not generally contain the amounts of organic materials and suspended sediments that does surface water, the lower RSDs may be due to reduced matrix effects. The number of flags from Nova Scotia and New Brunswick are lower than those from Newfoundland indicating that transport time from Newfoundland may also have caused some differences.

Table 5 does serve to indicate that the fewer the individuals spiking samples, and the shorter the transport time, the fewer flags reported.

WQB data are consistent with the work of Benoit and LeBel (1986) in that the results for OC, PAH and CB illustrate less variance than OP analyses. Another complicating factor is that up to 9 individuals in the laboratory could have handled the samples during extraction. This factor cannot be delineated and must be left under the area of good laboratory practices. Laboratory quantification was generally carried out by the same individual per parameter group thus minimizing random interpretation errors.

The QA/QC data indicate the quality of study data as reflected from the point of sample collection to result reporting. A differentiation of field versus laboratory performance cannot be undertaken due to the nature of the data.

APPENDIX II

MUNICIPAL SOURCE DATA

	PAGE
Charlottetown	
(Brackley #9)	46
(Brackley #12)	52
(Main Malpeque)	61
(Union A)	78
(Union #4)	84
(Union #5)	90
Georgetown (Well #7)	96
Kensington (Well #2)	105
North Rustico (Well at Lions Club)	122
Parkdale (Ellis Road Well)	131
(Well #3)	137
Souris (Industrial Park Well)	143
(Longworth Well)	149
(Union Ave. Well)	155
St. Eleanors (Well #2)	161
(Well #3)	170
(Well #4)	176
Summerside (Well #6)	182
(Well #7)	199

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0053 CHARLOTTOWN - BRACKLEY WELL #9 PAGE 1

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
86-05-20	1430	L5.	276.	.5	7.8	112.3	27.
86-05-20	1431	L5.	276.	.2	7.9	112.2	27.
86-05-20	1435	—	—	—	—	—	—
86-05-22	1436	—	—	—	—	—	—
86-09-09	1400	L5.	296.	.3	7.6	124.4	30.
86-09-09	1401	L5.	296.	.3	7.9	123.2	30.
86-09-09	1402	—	—	—	—	—	—
86-09-09	1403	—	—	—	—	—	—
MAX		L5.	296.	.5	7.9	124.4	30.
MIN		L5.	276.	.2	7.6	112.2	27.

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17205L Cl (MG/L)	16304L SO4 (MG/L)	07110L NO3 NO2 (MG/L)
86-05-20	1430	15.	5.2	1.25	10.0	6.09	2.10
86-05-20	1431	15.	5.2	1.25	9.9	5.73	2.20
86-05-20	1435	—	—	—	—	—	—
86-05-22	1436	—	—	—	—	—	—
86-09-09	1400	16.	4.9	1.2	—	6.4	1.5
86-09-09	1401	16.	4.8	1.2	—	6.2	2.6
86-09-09	1402	—	—	—	—	—	—
86-09-09	1403	—	—	—	—	—	—
MAX		16.	5.2	1.25	10.0	6.4	2.6
MIN		15.	4.8	1.2	9.9	5.73	1.5

DATE	TIME	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	25304L Mn (MG/L)
86-05-20	1430	.8	7.04	**TC**	L.05	L.010	L.01
86-05-20	1431	L.5	7.04	**TC**	L.05	L.010	L.01
86-05-20	1435	—	—	—	—	—	—
86-05-22	1436	—	—	—	—	—	—
86-09-09	1400	L.5	6.85	L1.	.05	L.010	L.01
86-09-09	1401	L.5	7.04	L1.	.05	L.010	L.01
86-09-09	1402	—	—	—	—	—	—
86-09-09	1403	—	—	—	—	—	—
MAX		.8	7.04	L1.	.05	L.010	L.01
MIN		L.5	6.85	L1.	L.05	L.010	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0053 CHARLOTTOWN - BRACKLEY WELL #9 PAGE 2

DATE	TIME	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
86-05-20	1430	.006	L.002	.002	.02	L.0005	L.001
86-05-20	1431	.004	L.002	L.002	.02	L.0005	L.001
86-05-20	1435	—	—	—	—	—	—
86-05-22	1436	—	—	—	—	—	—
86-09-09	1400	.011	L.002	L.002	.01	L.0005	L.001
86-09-09	1401	.008	L.002	L.002	.01	L.0005	L.001
86-09-09	1402	—	—	—	—	—	—
86-09-09	1403	—	—	—	—	—	—
MAX		.011	L.002	.002	.02	L.0005	L.001
MIN		.004	L.002	L.002	.01	L.0005	L.001

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	89350L BROMIDE (MG/L)	18000L p,p-DDT (UG/L)	18005L o,p-DDT (UG/L)	18010L p,p-DDD (UG/L)
86-05-20	1430	L.02	L.002	L.1	—	—	—
86-05-20	1431	L.02	L.002	L.1	—	—	—
86-05-20	1435	—	—	—	L.001	L.001	L.001
86-05-22	1436	—	—	—	L.001	L.001	L.001
86-09-09	1400	L.02	L.002	**TC**	—	—	—
86-09-09	1401	L.02	L.002	**TC**	—	—	—
86-09-09	1402	—	—	—	L.001	L.001	L.001
86-09-09	1403	—	—	—	L.001	L.001	L.001
MAX		L.02	L.002	L.1	L.001	L.001	L.001
MIN		L.02	L.002	L.1	L.001	L.001	L.001

DATE	TIME	18020L p,p-DDE (UG/L)	18030L p,p-MET (UG/L)	18040L HEPTACHL (UG/L)	18045L HEPT EPX (UG/L)	18050L A-ENDO (UG/L)	18055L B-ENDO (UG/L)
86-05-20	1430	—	—	—	—	—	—
86-05-20	1431	—	—	—	—	—	—
86-05-20	1435	L.001	L.01	L.001	L.001	L.01	L.01
86-05-22	1436	L.001	L.01	L.001	L.001	L.01	L.01
86-09-09	1400	—	—	—	—	—	—
86-09-09	1401	—	—	—	—	—	—
86-09-09	1402	L.001	L.01	L.01	L.001	L.01	L.01
86-09-09	1403	L.001	L.01	L.001	L.001	L.01	L.01
MAX		L.001	L.01	L.001	L.001	L.01	L.01
MIN		L.001	L.01	L.001	L.001	L.01	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1CPE01CC0053 CHARLOTTOWN - BRACKLEY WELL #9 PAGE 3

DATE	TIME	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)	18075L A-BHC (UG/L)	18125L MIREX (UG/L)	18130L ALDRIN (UG/L)
86-05-20	1430	——	——	——	——	——	——
86-05-20	1431	——	——	——	——	——	——
86-05-20	1435	L.005	L.005	L.001	L.001	L.001	L.001
86-05-22	1436	L.005	L.005	L.001	L.001	L.001	L.001
86-09-09	1400	——	——	——	——	——	——
86-09-09	1401	——	——	——	——	——	——
86-09-09	1402	L.005	L.005	L.001	L.001	L.001	L.001
86-09-09	1403	L.005	L.005	L.001	L.001	L.001	L.001
MAX		L.005	L.005	L.001	L.001	L.001	L.001
MIN		L.005	L.005	L.001	L.001	L.001	L.001

DATE	TIME	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)	17821L 1,4DCB (UG/L)	17822L 1,2DCB (UG/L)
86-05-20	1430	——	——	——	——	——	——
86-05-20	1431	——	——	——	——	——	——
86-05-20	1435	L.01	L.001	L.005	L.02	**CD**	L.02
86-05-22	1436	L.01	L.001	L.005	L.02	L.02	L.02
86-09-09	1400	——	——	——	——	——	——
86-09-09	1401	——	——	——	——	——	——
86-09-09	1402	L.01	L.001	L.005	L.02	**CD**	**IN**
86-09-09	1403	L.01	L.001	L.001	L.02	**CD**	**IN**
MAX		L.01	L.001	L.001	L.02	L.02	L.02
MIN		L.01	L.001	L.001	L.02	L.02	L.02

DATE	TIME	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)	17841L 1245 TECB (UG/L)	17842L 1234 TECB (UG/L)
86-05-20	1430	——	——	——	——	——	——
86-05-20	1431	——	——	——	——	——	——
86-05-20	1435	L.004	L.004	L.004	L.002	L.002	L.002
86-05-22	1436	L.004	L.004	L.002	L.002	L.002	L.002
86-09-09	1400	——	——	——	——	——	——
86-09-09	1401	——	——	——	——	——	——
86-09-09	1402	L.004	L.004	L.004	L.002	L.002	L.002
86-09-09	1403	L.004	L.004	L.004	L.002	L.002	L.002
MAX		L.004	L.004	L.004	L.002	L.002	L.002
MIN		L.004	L.004	L.004	L.002	L.002	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0053 CHARLOTTOWN - BRACKLEY WELL #9

DATE	TIME	17650L PENTA (UG/L)	17812L HCB (UG/L)	18904L F1 (UG/L)	18901L B(b)F1 (UG/L)	18903L B(k)F1 (UG/L)	18900L B(a)P (UG/L)
86-05-20	1430	—	—	—	—	—	—
86-05-20	1431	—	—	—	—	—	—
86-05-20	1435	L.002	L.002	L.001	L.001	L.001	L.001
86-05-22	1436	L.002	L.002	.003	L.001	L.001	L.001
86-09-09	1400	—	—	—	—	—	—
86-09-09	1401	—	—	—	—	—	—
86-09-09	1402	L.002	L.002	L.001	L.001	L.001	L.001
86-09-09	1403	L.002	L.002	L.001	L.001	L.001	L.001
MAX		L.002	L.002	.003	L.001	L.001	L.001
MIN		L.002	L.002	L.001	L.001	L.001	L.001

DATE	TIME	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)	18190L GUTHION (UG/L)	18320L TRITHON (UG/L)	18230L RUELENE (UG/L)
86-05-20	1430	—	—	—	—	—	—
86-05-20	1431	—	—	—	—	—	—
86-05-20	1435	L.005	L.005	L.003	L.002	.010	L.006
86-05-22	1436	L.005	L.005	L.003	L.002	**IN**	L.006
86-09-09	1400	—	—	—	—	—	—
86-09-09	1401	—	—	—	—	—	—
86-09-09	1402	L.005	L.005	L.002	L.002	**IN**	L.005
86-09-09	1403	L.005	L.005	L.002	L.002	**IN**	L.005
MAX		L.005	L.005	L.002	L.002	.010	L.005
MIN		L.005	L.005	L.002	L.002	.010	L.005

DATE	TIME	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)	18205L IMIDAN (UG/L)	18250L MALATHI (UG/L)
86-05-20	1430	—	—	—	—	—	—
86-05-20	1431	—	—	—	—	—	—
86-05-20	1435	L.001	L.001	L.001	L.001	L.004	L.001
86-05-22	1436	L.001	L.001	L.001	L.001	L.004	L.001
86-09-09	1400	—	—	—	—	—	—
86-09-09	1401	—	—	—	—	—	—
86-09-09	1402	L.001	L.001	L.001	L.001	L.004	L.001
86-09-09	1403	L.001	L.001	L.001	L.001	L.004	L.001
MAX		L.001	L.001	L.001	L.001	L.004	L.001
MIN		L.001	L.001	L.001	L.001	L.004	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0053 CHARLOTTOWN - BRACKLEY WELL #9 PAGE 5

DATE	TIME	18245L M-PARA (UG/L)	18325L M-TRITH (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)	18260L RONNEL (UG/L)	17704L 2-6-DCP (UG/L)
86-05-20	1430	——	——	——	——	——	——
86-05-20	1431	——	——	——	——	——	——
86-05-20	1435	.006	**TC**	L.001	L.001	L.001	L.03
86-05-22	1436	.007	**TC**	L.001	L.001	L.001	L.03
86-09-09	1400	——	——	——	——	——	——
86-09-09	1401	——	——	——	——	——	——
86-09-09	1402	L.001	**TC**	L.001	L.001	L.001	L.03
86-09-09	1403	L.001	**TC**	L.001	L.001	L.001	L.03
MAX		.007	——	L.001	L.001	L.001	L.03
MIN		L.001	——	L.001	L.001	L.001	L.03

DATE	TIME	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)
86-05-20	1430	——	——	——	——	——	——
86-05-20	1431	——	——	——	——	——	——
86-05-20	1435	L.02	L.02	L.04	L.03	L.04	L.03
86-05-22	1436	L.02	L.02	L.04	L.03	L.04	L.03
86-09-09	1400	——	——	——	——	——	——
86-09-09	1401	——	——	——	——	——	——
86-09-09	1402	L.02	L.02	L.04	L.03	L.04	L.03
86-09-09	1403	L.02	L.02	L.04	L.03	L.04	L.03
MAX		L.02	L.02	L.04	L.03	L.04	L.03
MIN		L.02	L.02	L.04	L.03	L.04	L.03

DATE	TIME	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)
86-05-20	1430	——	——	——	——	——	——
86-05-20	1431	——	——	——	——	——	——
86-05-20	1435	L.01	L.01	L.02	L.02	L.01	L.01
86-05-22	1436	L.01	L.01	L.02	L.02	L.01	L.01
86-09-09	1400	——	——	——	——	——	——
86-09-09	1401	——	——	——	——	——	——
86-09-09	1402	L.01	L.01	L.02	L.02	L.01	L.01
86-09-09	1403	L.01	L.01	L.02	L.02	L.01	L.01
MAX		L.01	L.01	L.02	L.02	L.01	L.01
MIN		L.01	L.01	L.02	L.02	L.01	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0053 CHARLOTTOWN - BRACKLEY WELL #9

DATE	TIME	17804L PCP (UG/L)	89292L ALD FONE (UG/L)	89291L ALD OXID (UG/L)	89290L ALDICARB (UG/L)	89307L CARBARYL (UG/L)	17209L Cl (MG/L)
86-05-20	1430	—	—	—	—	—	—
86-05-20	1431	—	—	—	—	—	—
86-05-20	1435	L.01	L.01	L.01	L.01	L.01	—
86-05-22	1436	L.01	L.01	L.01	L.01	L.01	—
86-09-09	1400	—	—	—	—	—	9.2
86-09-09	1401	—	—	—	—	—	9.2
86-09-09	1402	L.01	L.01	L.01	L.01	L.01	—
86-09-09	1403	L.01	L.01	L.01	L.01	L.01	—
MAX		L.01	L.01	L.01	L.01	L.01	9.2
MIN		L.01	L.01	L.01	L.01	L.01	9.2

DATE	TIME	24004L Cr (MG/L)	89269L CARBOFUR (UG/L)
86-05-20	1430	—	—
86-05-20	1431	—	—
86-05-20	1435	—	—
86-05-22	1436	—	—
86-09-09	1400	.0003	—
86-09-09	1401	.0008	—
86-09-09	1402	—	L.01
86-09-09	1403	—	L.01
MAX		.0008	L.01
MIN		.0003	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CC0058 CHARLOTTETOWN BRACKLEY WELL #12 PAGE 1

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
87-05-20	0930	—	—	—	—	—	—
87-05-20	0931	—	—	—	—	—	—
87-05-20	0932	L5.	297.	.1	8.1	121.2	29.
87-05-20	0933	L5.	298.	.2	8.1	120.3	29.
87-09-15	1400	—	—	—	—	—	—
87-09-15	1401	L5.	314.	.1	8.0	127.6	30.7
87-09-15	1405	—	—	—	—	—	—
87-09-15	1406	L5.	315.	.1	8.0	127.7	30.7
88-05-17	1430	5.	295.	.2	7.6	118.0	29.
88-05-17	1431	L5.	294.	.1	7.7	118.0	29.
88-05-17	1432	—	—	—	—	—	—
88-05-17	1433	—	—	—	—	—	—
88-09-22	0930	L5.	316.	.4	7.9	132.2	32.
88-09-22	0931	L5.	317.	.1	8.0	128.1	32.
88-09-22	0932	—	—	—	—	—	—
88-09-22	0933	—	—	—	—	—	—
MAX		5.	317.	.4	8.1	132.2	32.
MIN		L5.	294.	.1	7.6	118.0	29.

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	89350L BROMIDE (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)
87-05-20	0930	—	—	—	—	—	—
87-05-20	0931	—	—	—	—	—	—
87-05-20	0932	16.	5.3	1.1	**TC**	11.5	7.1
87-05-20	0933	16.	5.3	1.1	**TC**	11.5	7.1
87-09-15	1400	—	—	—	—	—	—
87-09-15	1401	17.7	5.7	1.3	**TC**	11.8	6.6
87-09-15	1405	—	—	—	—	—	—
87-09-15	1406	17.7	5.7	1.3	**TC**	11.8	6.8
88-05-17	1430	16.	5.5	1.2	—	11.8	6.47
88-05-17	1431	16.	5.5	1.3	—	11.9	6.47
88-05-17	1432	—	—	—	—	—	—
88-05-17	1433	—	—	—	—	—	—
88-09-22	0930	18.	5.7	1.3	—	12.	6.3
88-09-22	0931	17.	5.7	1.4	—	12.	6.3
88-09-22	0932	—	—	—	—	—	—
88-09-22	0933	—	—	—	—	—	—
MAX		18.	5.7	1.4	—	12.	7.1
MIN		16.	5.3	1.1	—	11.5	6.3

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CD0058 CHARLOTTETOWN BRACKLEY WELL #12

DATE	TIME	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09105L FLUORIDE (MG/L)
87-05-20	0930	—	—	—	—	—	—
87-05-20	0931	—	—	—	—	—	—
87-05-20	0932	6.3	2.6	.7	7.00	L1.	.05
87-05-20	0933	6.3	2.3	.7	7.21	L1.	.05
87-09-15	1400	—	—	—	—	—	—
87-09-15	1401	6.4	2.4	L.5	7.5	L1.	.05
87-09-15	1405	—	—	—	—	—	—
87-09-15	1406	6.6	2.5	L.5	7.5	L1.	.05
88-05-17	1430	5.73	2.4	L.5	7.7	L1.	.05
88-05-17	1431	5.9	3.0	L.5	7.7	L1.	.05
88-05-17	1432	—	—	—	—	—	—
88-05-17	1433	—	—	—	—	—	—
88-09-22	0930	6.3	2.6	.6	7.5	L1.	.05
88-09-22	0931	6.4	2.7	L.5	7.5	L1.	.05
88-09-22	0932	—	—	—	—	—	—
88-09-22	0933	—	—	—	—	—	—
MAX		6.6	3.0	.7	7.7	L1.	.05
MIN		5.73	2.3	L.5	7.00	L1.	.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
87-05-20	0930	—	—	—	—	—	—
87-05-20	0931	—	—	—	—	—	—
87-05-20	0932	L.010	.0003	L.01	L.002	L.002	L.002
87-05-20	0933	L.010	.0004	L.01	L.002	L.002	L.002
87-09-15	1400	—	—	—	—	—	—
87-09-15	1401	L.010	—	L.01	L.002	L.002	L.002
87-09-15	1405	—	—	—	—	—	—
87-09-15	1406	L.010	—	L.01	L.002	L.002	L.002
88-05-17	1430	L.010	.00036	L.01	L.002	L.002	L.002
88-05-17	1431	L.010	.00027	L.01	L.002	L.002	L.002
88-05-17	1432	—	—	—	—	—	—
88-05-17	1433	—	—	—	—	—	—
88-09-22	0930	L.010	.0006	L.01	.004	L.002	.002
88-09-22	0931	L.010	.0006	.01	L.002	L.002	L.002
88-09-22	0932	—	—	—	—	—	—
88-09-22	0933	—	—	—	—	—	—
MAX		L.010	.0006	.01	.004	L.002	.002
MIN		L.010	.00027	L.01	L.002	L.002	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPE01CC0058 CHARLOTTETOWN BRACKLEY WELL #12 PAGE 3

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	18004L p,p-DDT (UG/L)
87-05-20	0930	——	——	——	——	——	L.001
87-05-20	0931	——	——	——	——	——	L.001
87-05-20	0932	L.01	L.0005	L.001	L.02	L.002	——
87-05-20	0933	L.01	L.0005	L.001	L.02	L.002	——
87-09-15	1400	——	——	——	——	——	L.001
87-09-15	1401	L.01	.0005	L.001	L.02	L.002	——
87-09-15	1405	——	——	——	——	——	L.001
87-09-15	1406	L.01	.0006	L.001	L.02	L.002	——
88-05-17	1430	L.01	L.0005	L.001	L.02	L.002	——
88-05-17	1431	L.01	.0200	L.001	L.02	L.002	——
88-05-17	1432	——	——	——	——	——	L.001
88-05-17	1433	——	——	——	——	——	L.001
88-09-22	0930	L.01	L.0005	L.001	L.02	L.002	——
88-09-22	0931	L.01	L.0005	L.001	L.02	L.002	——
88-09-22	0932	——	——	——	——	——	L.001
88-09-22	0933	——	——	——	——	——	L.001
MAX		L.01	.0200	L.001	L.02	L.002	L.001
MIN		L.01	L.0005	L.001	L.02	L.002	L.001

DATE	TIME	18005L o,p-DDT (UG/L)	18010L p,p-DDD (UG/L)	18020L p,p-DDE (UG/L)	18030L p,p-MET (UG/L)	18040L HEPTACHL (UG/L)	18045L HEPT EPX (UG/L)
87-05-20	0930	L.001	L.001	L.001	L.01	L.001	L.001
87-05-20	0931	L.001	L.001	L.001	L.01	L.001	L.001
87-05-20	0932	——	——	——	——	——	——
87-05-20	0933	——	——	——	——	——	——
87-09-15	1400	L.001	L.001	L.001	L.01	L.001	L.001
87-09-15	1401	——	——	——	——	——	——
87-09-15	1405	L.001	L.001	L.001	L.01	L.001	L.001
87-09-15	1406	——	——	——	——	——	——
88-05-17	1430	——	——	——	——	——	——
88-05-17	1431	——	——	——	——	——	——
88-05-17	1432	L.001	L.001	L.001	L.01	L.001	L.001
88-05-17	1433	L.001	L.001	L.001	L.01	L.001	L.001
88-09-22	0930	——	——	——	——	——	——
88-09-22	0931	——	——	——	——	——	——
88-09-22	0932	L.001	L.001	L.001	L.01	L.001	L.001
88-09-22	0933	L.001	L.001	L.001	L.01	L.001	L.001
MAX		L.001	L.001	L.001	L.01	L.001	L.001
MIN		L.001	L.001	L.001	L.01	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0058 CHARLOTTETOWN BRACKLEY WELL #12 PAGE 4

DATE	TIME	18050L A-ENDO (UG/L)	18055L B-ENDO (UG/L)	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)	18075L A-BHC (UG/L)
87-05-20	0930	L.01	L.01	L.005	L.005	L.001	L.001
87-05-20	0931	L.01	L.01	L.005	L.005	L.001	L.001
87-05-20	0932	—	—	—	—	—	—
87-05-20	0933	—	—	—	—	—	—
87-09-15	1400	L.01	L.01	L.005	L.005	L.001	L.001
87-09-15	1401	—	—	—	—	—	—
87-09-15	1405	L.01	L.01	L.005	L.005	L.001	L.001
87-09-15	1406	—	—	—	—	—	—
88-05-17	1430	—	—	—	—	—	—
88-05-17	1431	—	—	—	—	—	—
88-05-17	1432	L.01	L.01	L.005	L.005	L.001	L.001
88-05-17	1433	L.01	L.01	L.005	L.005	L.001	L.001
88-09-22	0930	—	—	—	—	—	—
88-09-22	0931	—	—	—	—	—	—
88-09-22	0932	L.01	L.01	L.005	L.005	L.001	L.001
88-09-22	0933	L.01	L.01	L.005	L.005	L.001	L.001
MAX		L.01	L.01	L.005	L.005	L.001	L.001
MIN		L.01	L.01	L.005	L.005	L.001	L.001

DATE	TIME	18125L MIREX (UG/L)	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)
87-05-20	0930	L.001	L.001	L.01	L.001	L.005	L.02
87-05-20	0931	L.001	L.001	L.01	L.001	L.005	L.02
87-05-20	0932	—	—	—	—	—	—
87-05-20	0933	—	—	—	—	—	—
87-09-15	1400	L.001	L.001	L.01	L.001	L.005	L.02
87-09-15	1401	—	—	—	—	—	—
87-09-15	1405	L.001	L.001	L.01	L.001	L.005	L.02
87-09-15	1406	—	—	—	—	—	—
88-05-17	1430	—	—	—	—	—	—
88-05-17	1431	—	—	—	—	—	—
88-05-17	1432	L.001	L.001	L.01	L.001	L.005	L.02
88-05-17	1433	L.001	L.001	L.01	L.001	L.005	L.02
88-09-22	0930	—	—	—	—	—	—
88-09-22	0931	—	—	—	—	—	—
88-09-22	0932	L.001	L.001	L.01	L.001	L.005	L.02
88-09-22	0933	L.001	L.001	L.01	L.001	L.005	L.02
MAX		L.001	L.001	L.01	L.001	L.005	L.02
MIN		L.001	L.001	L.01	L.001	L.005	L.02

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPE01CC005B CHARLOTTETOWN BRACKLEY WELL #12 PAGE 5

DATE	TIME	17821L 1,4DCB (UG/L)	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)
87-05-20	0930	L.02	L.02	L.004	L.004	L.004	L.002
87-05-20	0931	L.02	L.02	L.004	L.004	L.004	L.002
87-05-20	0932	——	——	——	——	——	——
87-05-20	0933	——	——	——	——	——	——
87-09-15	1400	**CD**	L.02	L.004	L.004	L.004	L.002
87-09-15	1401	——	——	——	——	——	——
87-09-15	1405	**CD**	L.02	L.004	L.004	L.004	L.002
87-09-15	1406	——	——	——	——	——	——
88-05-17	1430	——	——	——	——	——	——
88-05-17	1431	——	——	——	——	——	——
88-05-17	1432	**CD**	L.02	L.004	L.004	L.004	L.002
88-05-17	1433	**CD**	L.02	L.004	L.004	L.004	L.002
88-09-22	0930	——	——	——	——	——	——
88-09-22	0931	——	——	——	——	——	——
88-09-22	0932	**CD**	L.02	L.004	L.004	L.004	L.002
88-09-22	0933	**CD**	L.02	L.004	L.004	L.004	L.002
MAX		L.02	L.02	L.004	L.004	L.004	L.002
MIN		L.02	L.02	L.004	L.004	L.004	L.002

DATE	TIME	17841L 1245 TECB (UG/L)	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L F1 (UG/L)	18901L B(b)F1 (UG/L)
87-05-20	0930	L.002	L.002	L.002	L.002	.004	L.001
87-05-20	0931	L.002	L.002	L.002	L.002	.005	L.001
87-05-20	0932	——	——	——	——	——	——
87-05-20	0933	——	——	——	——	——	——
87-09-15	1400	L.002	L.002	L.002	L.002	.005	L.001
87-09-15	1401	——	——	——	——	——	——
87-09-15	1405	L.002	L.002	L.002	L.002	.001	L.001
87-09-15	1406	——	——	——	——	——	——
88-05-17	1430	——	——	——	——	——	——
88-05-17	1431	——	——	——	——	——	——
88-05-17	1432	L.002	L.002	L.002	L.002	.003	.001
88-05-17	1433	L.002	L.002	L.002	L.002	L.004	L.001
88-09-22	0930	——	——	——	——	——	——
88-09-22	0931	——	——	——	——	——	——
88-09-22	0932	L.002	L.002	L.002	L.002	L.001	L.0008
88-09-22	0933	L.002	L.002	L.002	L.002	.001	L.0008
MAX		L.002	L.002	L.002	L.002	.005	.001
MIN		L.002	L.002	L.002	L.002	L.001	L.0008

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0058 CHARLOTTETOWN BRACKLEY WELL #12 PAGE 6

DATE	TIME	18903L B(k)Fl (UG/L)	18900L B(a)P (UG/L)	18905L INDEND (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)	18190L GUTHION (UG/L)
87-05-20	0930	L.001	L.001	L.005	L.005	L.002	L.003
87-05-20	0931	L.001	L.001	L.005	L.005	L.002	L.003
87-05-20	0932	——	——	——	——	——	——
87-05-20	0933	——	——	——	——	——	——
87-09-15	1400	L.001	L.001	L.005	L.005	L.004	L.003
87-09-15	1401	——	——	——	——	——	——
87-09-15	1405	L.001	L.001	L.005	L.005	L.004	L.003
87-09-15	1406	——	——	——	——	——	——
88-05-17	1430	——	——	——	——	——	——
88-05-17	1431	——	——	——	——	——	——
88-05-17	1432	L.001	L.001	L.006	L.006	L.005	L.005
88-05-17	1433	L.001	L.001	L.006	L.006	L.005	L.005
88-09-22	0930	——	——	——	——	——	——
88-09-22	0931	——	——	——	——	——	——
88-09-22	0932	L.0002	L.0008	L.006	L.006	L.002	L.004
88-09-22	0933	L.0002	L.0008	L.006	L.006	L.002	L.004
MAX		L.0002	L.0008	L.006	L.006	L.002	L.004
MIN		L.0002	L.0008	L.006	L.006	L.002	L.004

DATE	TIME	18320L TRITHON (UG/L)	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)
87-05-20	0930	L.002	L.002	L.002	L.002	L.002	L.002
87-05-20	0931	L.002	L.002	L.002	L.002	L.002	L.002
87-05-20	0932	——	——	——	——	——	——
87-05-20	0933	——	——	——	——	——	——
87-09-15	1400	.002	L.002	L.001	L.001	L.001	L.001
87-09-15	1401	——	——	——	——	——	——
87-09-15	1405	L.001	L.002	L.001	L.001	L.001	L.001
87-09-15	1406	——	——	——	——	——	——
88-05-17	1430	——	——	——	——	——	——
88-05-17	1431	——	——	——	——	——	——
88-05-17	1432	L.006	L.002	L.001	L.001	L.001	L.001
88-05-17	1433	L.006	L.002	L.001	L.001	L.001	L.001
88-09-22	0930	——	——	——	——	——	——
88-09-22	0931	——	——	——	——	——	——
88-09-22	0932	L.0008	L.009	L.0006	L.0005	L.0003	L.0007
88-09-22	0933	L.0008	L.009	L.0006	L.0005	L.0003	L.0007
MAX		.002	L.009	L.0006	L.0005	L.0003	L.0007
MIN		L.0008	L.009	L.0006	L.0005	L.0003	L.0007

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0058 CHARLOTTETOWN BRACKLEY WELL #12 PAGE 7

DATE	TIME	18205L IMIDAN (UG/L)	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18325L M-TRITH (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)
87-05-20	0930	L.003	L.003	L.002	**TC**	L.002	L.002
87-05-20	0931	L.003	L.003	L.002	**TC**	L.002	L.002
87-05-20	0932	——	——	——	——	——	——
87-05-20	0933	——	——	——	——	——	——
87-09-15	1400	L.002	L.001	L.001	**TC**	L.001	L.001
87-09-15	1401	——	——	——	——	——	——
87-09-15	1405	L.002	L.001	L.001	**TC**	L.001	L.001
87-09-15	1406	——	——	——	——	——	——
88-05-17	1430	——	——	——	——	——	——
88-05-17	1431	——	——	——	——	——	——
88-05-17	1432	L.003	L.001	L.001	——	L.001	L.001
88-05-17	1433	L.003	L.001	L.001	——	L.001	L.001
88-09-22	0930	——	——	——	——	——	——
88-09-22	0931	——	——	——	——	——	——
88-09-22	0932	**IN**	L.0008	L.0007	——	L.0006	L.0006
88-09-22	0933	L.002	L.0008	L.0007	——	L.0006	L.0006
MAX		L.002	L.0008	L.0007	——	L.0006	L.0006
MIN		L.002	L.0008	L.0007	——	L.0006	L.0006

DATE	TIME	18260L RONNEL (UG/L)	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)
87-05-20	0930	L.002	L.03	L.02	L.02	L.04	L.03
87-05-20	0931	L.002	L.03	L.02	L.02	L.04	L.03
87-05-20	0932	——	——	——	——	——	——
87-05-20	0933	——	——	——	——	——	——
87-09-15	1400	L.001	L.03	L.02	L.02	L.04	L.03
87-09-15	1401	——	——	——	——	——	——
87-09-15	1405	L.001	L.03	L.02	L.02	L.04	L.03
87-09-15	1406	——	——	——	——	——	——
88-05-17	1430	——	——	——	——	——	——
88-05-17	1431	——	——	——	——	——	——
88-05-17	1432	L.001	L.03	L.02	L.02	L.04	L.03
88-05-17	1433	L.001	L.03	L.02	L.02	L.04	L.03
88-09-22	0930	——	——	——	——	——	——
88-09-22	0931	——	——	——	——	——	——
88-09-22	0932	L.0006	L.03	L.02	L.02	L.04	L.03
88-09-22	0933	L.0006	L.03	L.02	L.02	L.04	L.03
MAX		L.0006	L.03	L.02	L.02	L.04	L.03
MIN		L.0006	L.03	L.02	L.02	L.04	L.03

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CC005B CHARLOTTETOWN BRACKLEY WELL #12 PAGE 8

DATE	TIME	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)
87-05-20	0930	L.04	L.03	L.01	L.01	L.02	L.02
87-05-20	0931	L.04	L.03	L.01	L.01	L.02	L.02
87-05-20	0932	——	——	——	——	——	——
87-05-20	0933	——	——	——	——	——	——
87-09-15	1400	L.04	L.03	L.01	L.01	L.02	L.02
87-09-15	1401	——	——	——	——	——	——
87-09-15	1405	L.04	L.03	L.01	L.01	L.02	L.02
87-09-15	1406	——	——	——	——	——	——
88-05-17	1430	——	——	——	——	——	——
88-05-17	1431	——	——	——	——	——	——
88-05-17	1432	L.04	L.03	L.01	L.01	L.02	L.02
88-05-17	1433	L.04	L.03	L.01	L.01	L.02	L.02
88-09-22	0930	——	——	——	——	——	——
88-09-22	0931	——	——	——	——	——	——
88-09-22	0932	L.04	L.03	L.01	L.01	L.02	L.02
88-09-22	0933	L.04	L.03	L.01	L.01	L.02	L.02
MAX		L.04	L.03	L.01	L.01	L.02	L.02
MIN		L.04	L.03	L.01	L.01	L.02	L.02

DATE	TIME	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	89290L ALDICARB (UG/L)	89291L ALD OXID (UG/L)	89292L ALD FONE (UG/L)
87-05-20	0930	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-05-20	0931	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-05-20	0932	——	——	——	——	——	——
87-05-20	0933	——	——	——	——	——	——
87-09-15	1400	L.005	L.005	.009	**TC**	**TC**	**TC**
87-09-15	1401	——	——	——	——	——	——
87-09-15	1405	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-09-15	1406	——	——	——	——	——	——
88-05-17	1430	——	——	——	——	——	——
88-05-17	1431	——	——	——	——	——	——
88-05-17	1432	L.005	L.005	L.005	L.1	L.1	L.1
88-05-17	1433	L.005	L.005	L.005	L.1	L.1	L.1
88-09-22	0930	——	——	——	——	——	——
88-09-22	0931	——	——	——	——	——	——
88-09-22	0932	L.005	L.005	L.002	L.05	L.05	L.05
88-09-22	0933	L.005	L.005	L.002	L.05	L.05	L.05
MAX		L.005	L.005	.009	L.05	L.05	L.05
MIN		L.005	L.005	L.002	L.05	L.05	L.05

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0058 CHARLOTTETOWN BRACKLEY WELL #12 PAGE 9

DATE	TIME	89307L CARBARYL (UG/L)	89269L CARBOFUR (UG/L)
87-05-20	0930	**TC**	**TC**
87-05-20	0931	**TC**	**TC**
87-05-20	0932	—	—
87-05-20	0933	—	—
87-09-15	1400	**TC**	**TC**
87-09-15	1401	—	—
87-09-15	1405	**TC**	**TC**
87-09-15	1406	—	—
88-05-17	1430	—	—
88-05-17	1431	—	—
88-05-17	1432	L.1	L.1
88-05-17	1433	L.1	L.1
88-09-22	0930	—	—
88-09-22	0931	—	—
88-09-22	0932	L.05	L.05
88-09-22	0933	L.05	L.05
MAX		L.05	L.05
MIN		L.05	L.05

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0056 CH'TOWN MAIN MALAPEQUE DUB WELL

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
86-05-22	1440	LS.	486.	.2	7.9	157.1	45.
86-05-22	1441	LS.	486.	.3	7.9	157.5	45.
86-05-22	1450	—	—	—	—	—	—
86-05-22	1451	—	—	—	—	—	—
86-09-11	1330	LS.	506.	.2	7.6	168.8	45.
86-09-11	1331	LS.	506.	.2	8.1	168.3	45.
86-09-11	1333	—	—	—	—	—	—
86-09-11	1334	—	—	—	—	—	—
87-05-20	0840	—	—	—	—	—	—
87-05-20	0841	—	—	—	—	—	—
87-05-20	0842	LS.	484.	.2	8.2	150.1	43.
87-05-20	0843	LS.	484.	.2	8.0	149.	44.
87-09-16	0900	—	—	—	—	—	—
87-09-16	0901	LS.	492.	.3	7.7	161.	46.1
87-09-16	0905	—	—	—	—	—	—
87-09-16	0906	LS.	492.	.4	7.7	161.4	48.0
88-05-17	1340	LS.	442.	.2	7.2	120.5	36.
88-05-17	1341	—	—	—	—	—	—
88-05-17	1342	5.	449.	.1	7.2	121.2	36.
88-05-17	1343	—	—	—	—	—	—
88-09-22	0830	LS.	509.	.5	7.6	165.5	48.
88-09-22	0831	LS.	506.	.6	7.6	163.7	48.
88-09-22	0832	—	—	—	—	—	—
88-09-22	0833	—	—	—	—	—	—
MAX		5.	509.	.6	8.2	168.8	48.0
MIN		LS.	442.	.1	7.2	120.5	36.

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPE01CC0056 CH'TOWN MAIN MALAPEQUE DUG WELL

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	07110L NO3 NO2 (MG/L)
86-05-22	1440	24.	16.4	1.60	32.8	17.5	2.70
86-05-22	1441	24.	16.	1.58	17.2	17.	2.50
86-05-22	1450	—	—	—	—	—	—
86-05-22	1451	—	—	—	—	—	—
86-09-11	1330	25.	16.1	1.5	44.3	18.0	2.3
86-09-11	1331	25.	16.3	1.5	44.3	18.0	2.5
86-09-11	1333	—	—	—	—	—	—
86-09-11	1334	—	—	—	—	—	—
87-05-20	0840	—	—	—	—	—	—
87-05-20	0841	—	—	—	—	—	—
87-05-20	0842	23.	18.0	1.40	47.	16.8	2.7
87-05-20	0843	24.	18.	1.4	47.	17.2	2.8
87-09-16	0900	—	—	—	—	—	—
87-09-16	0901	22.6	17.8	1.7	42.	16.8	2.1
87-09-16	0905	—	—	—	—	—	—
87-09-16	0906	23.4	17.3	1.7	42.	16.8	2.1
88-05-17	1340	17.	21.9	1.7	49.	12.6	3.0
88-05-17	1341	—	—	—	—	—	—
88-05-17	1342	17.	21.9	1.7	49.	12.6	3.1
88-05-17	1343	—	—	—	—	—	—
88-09-22	0830	21.	23.2	1.6	50.	18.3	1.9
88-09-22	0831	21.	23.2	1.6	50.	18.2	1.8
88-09-22	0832	—	—	—	—	—	—
88-09-22	0833	—	—	—	—	—	—
MAX		25.	23.2	1.7	50.	18.3	3.1
MIN		17.	16.	1.40	17.2	12.6	1.8

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0056 CH'TOWN MAIN MALAPEQUE DUG WELL

DATE	TIME	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)
86-05-22	1440	1.0	6.78	**TC**	L.05	L.010	.0004
86-05-22	1441	1.0	6.91	**TC**	L.05	L.010	.0004
86-05-22	1450	—	—	—	—	—	—
86-05-22	1451	—	—	—	—	—	—
86-09-11	1330	.6	7.32	L1.	L.05	L.010	.0006
86-09-11	1331	L.5	7.32	L1.	L.05	L.010	.0006
86-09-11	1333	—	—	—	—	—	—
86-09-11	1334	—	—	—	—	—	—
87-05-20	0840	—	—	—	—	—	—
87-05-20	0841	—	—	—	—	—	—
87-05-20	0842	.7	7.49	L1.	.05	L.010	.0004
87-05-20	0843	.8	7.49	L1.	.05	L.010	.0005
87-09-16	0900	—	—	—	—	—	—
87-09-16	0901	1.2	8.5	1.3	.10	L.010	—
87-09-16	0905	—	—	—	—	—	—
87-09-16	0906	1.0	8.5	1.3	.11	L.010	—
88-05-17	1340	L.5	8.2	1.1	.05	L.010	.00062
88-05-17	1341	—	—	—	—	—	—
88-05-17	1342	L.5	7.9	1.0	.05	L.010	.00039
88-05-17	1343	—	—	—	—	—	—
88-09-22	0830	.9	8.2	L1.	.13	L.010	.0008
88-09-22	0831	1.0	8.3	1.0	.13	L.010	.0008
88-09-22	0832	—	—	—	—	—	—
88-09-22	0833	—	—	—	—	—	—
MAX		1.2	8.5	1.3	.13	L.010	.0008
MIN		L.5	6.78	L1.	L.05	L.010	.00039

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0056 CH'TOWN MAIN MALAPEQUE DUG WELL

DATE	TIME	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)
86-05-22	1440	L.01	L.002	L.002	L.002	L.01	L.0005
86-05-22	1441	L.01	L.002	L.002	L.002	L.01	L.0005
86-05-22	1450	—	—	—	—	—	—
86-05-22	1451	—	—	—	—	—	—
86-09-11	1330	L.01	L.002	L.002	L.002	L.01	.0004
86-09-11	1331	L.01	.002	L.002	L.002	L.01	.0004
86-09-11	1333	—	—	—	—	—	—
86-09-11	1334	—	—	—	—	—	—
87-05-20	0840	—	—	—	—	—	—
87-05-20	0841	—	—	—	—	—	—
87-05-20	0842	L.01	L.002	L.002	L.002	L.01	L.0005
87-05-20	0843	L.01	L.002	L.002	L.002	L.01	L.0005
87-09-16	0900	—	—	—	—	—	—
87-09-16	0901	L.01	—	L.002	—	.07	.0005
87-09-16	0905	—	—	—	—	—	—
87-09-16	0906	L.01	—	L.002	—	.05	.0005
88-05-17	1340	L.01	L.002	L.002	.003	L.01	L.0005
88-05-17	1341	—	—	—	—	—	—
88-05-17	1342	L.01	L.002	.004	.002	L.01	L.0005
88-05-17	1343	—	—	—	—	—	—
88-09-22	0830	.02	—	L.002	—	.06	L.0005
88-09-22	0831	L.01	—	L.002	—	.06	L.0005
88-09-22	0832	—	—	—	—	—	—
88-09-22	0833	—	—	—	—	—	—
MAX		.02	.002	.004	.003	.07	.0005
MIN		L.01	L.002	L.002	L.002	L.01	L.0005

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPE01CC0056 CH'TOWN MAIN MALAPEQUE DUG WELL

DATE	TIME	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	89350L BROMIDE (MG/L)	18000L p,p-DDT (UG/L)	18005L o,p-DDT (UG/L)
86-05-22	1440	L.001	L.02	L.002	L.1	—	—
86-05-22	1441	L.001	L.02	L.002	L.1	—	—
86-05-22	1450	—	—	—	—	L.001	L.001
86-05-22	1451	—	—	—	—	L.001	L.001
86-09-11	1330	L.001	L.02	L.002	**TC**	—	—
86-09-11	1331	L.001	L.02	L.002	**TC**	—	—
86-09-11	1333	—	—	—	—	L.001	L.001
86-09-11	1334	—	—	—	—	L.001	L.001
87-05-20	0840	—	—	—	—	L.001	L.001
87-05-20	0841	—	—	—	—	L.001	L.001
87-05-20	0842	L.001	L.02	L.002	**TC**	—	—
87-05-20	0843	L.001	L.02	L.002	**TC**	—	—
87-09-16	0900	—	—	—	—	L.001	L.001
87-09-16	0901	L.001	.02	.003	**TC**	—	—
87-09-16	0905	—	—	—	—	L.001	L.001
87-09-16	0906	L.001	.02	L.002	**TC**	—	—
88-05-17	1340	L.001	L.02	L.002	—	—	—
88-05-17	1341	—	—	—	—	L.001	L.001
88-05-17	1342	L.001	L.02	L.002	—	—	—
88-05-17	1343	—	—	—	—	L.001	L.001
88-09-22	0830	L.001	.02	L.002	—	—	—
88-09-22	0831	L.001	.02	L.002	—	—	—
88-09-22	0832	—	—	—	—	L.001	L.001
88-09-22	0833	—	—	—	—	L.001	L.001
MAX		L.001	.02	.003	L.1	L.001	L.001
MIN		L.001	L.02	L.002	L.1	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CC0056 CH'TOWN MAIN MALAPEQUE DUG WELL

DATE	TIME	18010L p,p-DDD (UG/L)	18020L p,p-DDE (UG/L)	18030L p,p-MET (UG/L)	18040L HEPTACHL (UG/L)	18045L HEPT EPX (UG/L)	18050L A-ENDO (UG/L)
86-05-22	1440	——	——	——	——	——	——
86-05-22	1441	——	——	——	——	——	——
86-05-22	1450	L.001	L.001	L.01	L.001	L.001	L.01
86-05-22	1451	L.001	L.001	L.01	L.001	L.001	L.01
86-09-11	1330	——	——	——	——	——	——
86-09-11	1331	——	——	——	——	——	——
86-09-11	1333	L.001	L.001	L.01	.004	L.001	L.01
86-09-11	1334	L.001	L.001	L.01	.004	L.001	L.01
87-05-20	0840	L.001	L.001	L.01	L.001	L.001	L.01
87-05-20	0841	L.001	L.001	L.01	L.001	L.001	L.01
87-05-20	0842	——	——	——	——	——	——
87-05-20	0843	——	——	——	——	——	——
87-09-16	0900	L.001	L.001	L.01	L.001	L.001	L.01
87-09-16	0901	——	——	——	——	——	——
87-09-16	0905	L.001	L.001	L.01	L.001	L.001	L.01
87-09-16	0906	——	——	——	——	——	——
88-05-17	1340	——	——	——	——	——	——
88-05-17	1341	L.001	L.001	L.01	L.001	L.001	L.01
88-05-17	1342	——	——	——	——	——	——
88-05-17	1343	L.001	L.001	L.01	L.001	L.001	L.01
88-09-22	0830	——	——	——	——	——	——
88-09-22	0831	——	——	——	——	——	——
88-09-22	0832	L.001	L.001	L.01	L.001	L.001	L.01
88-09-22	0833	L.001	L.001	L.01	L.001	L.001	L.01
MAX		L.001	L.001	L.01	.004	L.001	L.01
MIN		L.001	L.001	L.01	L.001	L.001	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0056 CH'TOWN MAIN MALAPEQUE DUG WELL

DATE	TIME	1B055L B-ENDO (UG/L)	1B060L A-CHLOR (UG/L)	1B065L G-CHLOR (UG/L)	1B070L G-BHC (UG/L)	1B075L A-BHC (UG/L)	1B125L MIREX (UG/L)
86-05-22	1440	—	—	—	—	—	—
86-05-22	1441	—	—	—	—	—	—
86-05-22	1450	L.01	L.005	L.005	L.001	L.001	L.001
86-05-22	1451	L.01	L.005	L.005	L.001	L.001	L.001
86-09-11	1330	—	—	—	—	—	—
86-09-11	1331	—	—	—	—	—	—
86-09-11	1333	L.01	L.005	L.005	L.001	L.001	L.001
86-09-11	1334	L.01	L.005	L.005	L.001	L.001	L.001
87-05-20	0840	L.01	L.005	L.005	L.001	L.001	**IN**
87-05-20	0841	L.01	L.005	L.005	L.001	L.001	L.001
87-05-20	0842	—	—	—	—	—	—
87-05-20	0843	—	—	—	—	—	—
87-09-16	0900	L.01	L.005	L.005	L.001	L.001	L.001
87-09-16	0901	—	—	—	—	—	—
87-09-16	0905	L.01	L.005	L.005	L.001	L.001	L.001
87-09-16	0906	—	—	—	—	—	—
88-05-17	1340	—	—	—	—	—	—
88-05-17	1341	L.01	L.005	L.005	L.001	L.001	L.001
88-05-17	1342	—	—	—	—	—	—
88-05-17	1343	L.01	L.005	L.005	L.001	L.001	L.001
88-09-22	0830	—	—	—	—	—	—
88-09-22	0831	—	—	—	—	—	—
88-09-22	0832	L.01	L.005	L.005	L.001	L.001	L.001
88-09-22	0833	L.01	L.005	L.005	L.001	L.001	L.001
MAX		L.01	L.005	L.005	L.001	L.001	L.001
MIN		L.01	L.005	L.005	L.001	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0056 CH'TOWN MAIN MALAPEQUE DUG WELL PAGE 8

DATE	TIME	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)	17821L 1,4DCB (UG/L)
86-05-22	1440	——	——	——	——	——	——
86-05-22	1441	——	——	——	——	——	——
86-05-22	1450	L.001	L.01	L.001	L.005	L.02	**CD**
86-05-22	1451	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-11	1330	——	——	——	——	——	——
86-09-11	1331	——	——	——	——	——	——
86-09-11	1333	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-11	1334	L.001	L.01	L.001	L.005	L.02	**CD**
87-05-20	0840	L.001	L.01	L.001	L.005	L.02	L.02
87-05-20	0841	L.001	L.01	L.001	L.005	L.02	L.02
87-05-20	0842	——	——	——	——	——	——
87-05-20	0843	——	——	——	——	——	——
87-09-16	0900	L.001	L.01	L.001	L.005	L.02	**CD**
87-09-16	0901	——	——	——	——	——	——
87-09-16	0905	L.001	L.01	L.001	L.005	L.02	**CD**
87-09-16	0906	——	——	——	——	——	——
88-05-17	1340	——	——	——	——	——	——
88-05-17	1341	L.001	L.01	L.001	L.005	L.02	**CD**
88-05-17	1342	——	——	——	——	——	——
88-05-17	1343	L.001	L.01	L.001	L.005	L.02	**CD**
88-09-22	0830	——	——	——	——	——	——
88-09-22	0831	——	——	——	——	——	——
88-09-22	0832	L.001	L.01	L.001	L.005	L.02	**CD**
88-09-22	0833	L.001	L.01	L.001	L.005	L.02	**CD**
MAX		L.001	L.01	L.001	L.005	L.02	L.02
MIN		L.001	L.01	L.001	L.005	L.02	L.02

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 1OPE01CC0056 CH'TOWN MAIN MALAPEQUE DUG WELL

DATE	TIME	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)	17841L 1245 TECB (UG/L)
86-05-22	1440	——	——	——	——	——	——
86-05-22	1441	——	——	——	——	——	——
86-05-22	1450	L.02	L.004	L.004	L.004	L.002	L.002
86-05-22	1451	L.02	L.004	L.004	L.004	L.002	L.002
86-09-11	1330	——	——	——	——	——	——
86-09-11	1331	——	——	——	——	——	——
86-09-11	1333	**IN**	L.004	L.004	L.004	L.002	L.002
86-09-11	1334	**IN**	L.004	L.004	L.004	L.002	L.002
87-05-20	0840	L.02	L.004	L.004	L.004	L.002	L.002
87-05-20	0841	L.02	L.004	L.004	L.004	L.002	L.002
87-05-20	0842	——	——	——	——	——	——
87-05-20	0843	——	——	——	——	——	——
87-09-16	0900	L.02	L.004	L.004	L.004	L.002	L.002
87-09-16	0901	——	——	——	——	——	——
87-09-16	0905	L.02	L.004	L.004	L.004	L.002	L.002
87-09-16	0906	——	——	——	——	——	——
88-05-17	1340	——	——	——	——	——	——
88-05-17	1341	L.02	L.004	L.004	L.004	L.002	L.002
88-05-17	1342	——	——	——	——	——	——
88-05-17	1343	L.02	L.004	L.004	L.004	L.002	L.002
88-09-22	0830	——	——	——	——	——	——
88-09-22	0831	——	——	——	——	——	——
88-09-22	0832	L.02	L.004	L.004	L.004	L.002	L.002
88-09-22	0833	L.02	L.004	L.004	L.004	L.002	L.002
MAX		L.02	L.004	L.004	L.004	L.002	L.002
MIN		L.02	L.004	L.004	L.004	L.002	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 1OPE01CC0056 CH'TOWN MAIN MALAPEQUE DUG WELL

DATE	TIME	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L F1 (UG/L)	18901L B(b)F1 (UG/L)	18903L B(k)F1 (UG/L)
86-05-22	1440	——	——	——	——	——	——
86-05-22	1441	——	——	——	——	——	——
86-05-22	1450	L.002	L.002	L.002	.003	L.001	L.001
86-05-22	1451	L.002	L.002	L.002	.002	L.001	L.001
86-09-11	1330	——	——	——	——	——	——
86-09-11	1331	——	——	——	——	——	——
86-09-11	1333	L.002	L.002	L.002	L.001	L.001	L.001
86-09-11	1334	L.002	L.002	L.002	L.001	L.001	L.001
87-05-20	0840	L.002	L.002	L.002	.012	.001	L.001
87-05-20	0841	L.002	L.002	L.002	.004	L.001	L.001
87-05-20	0842	——	——	——	——	——	——
87-05-20	0843	——	——	——	——	——	——
87-09-16	0900	L.002	L.002	L.002	.003	L.001	L.001
87-09-16	0901	——	——	——	——	——	——
87-09-16	0905	L.002	L.002	L.002	.002	L.001	L.001
87-09-16	0906	——	——	——	——	——	——
88-05-17	1340	——	——	——	——	——	——
88-05-17	1341	L.002	L.002	L.002	.014	.001	L.001
88-05-17	1342	——	——	——	——	——	——
88-05-17	1343	L.002	L.002	L.002	L.004	L.001	L.001
88-09-22	0830	——	——	——	——	——	——
88-09-22	0831	——	——	——	——	——	——
88-09-22	0832	L.002	L.002	L.002	.003	L.0008	L.0002
88-09-22	0833	L.002	L.002	L.002	.002	L.0008	L.0002
MAX		L.002	L.002	L.002	.014	.001	L.0002
MIN		L.002	L.002	L.002	L.004	L.0008	L.0002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0056 CH'TOWN MAIN MALAPEQUE DUG WELL

DATE	TIME	18900L B(a)P (UG/L)	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)	18190L GUTHION (UG/L)	18320L TRITHON (UG/L)
86-05-22	1440	—	—	—	—	—	—
86-05-22	1441	—	—	—	—	—	—
86-05-22	1450	L.001	L.005	L.005	L.003	L.002	L.001
86-05-22	1451	L.001	L.005	L.005	L.003	L.002	L.001
86-09-11	1330	—	—	—	—	—	—
86-09-11	1331	—	—	—	—	—	—
86-09-11	1333	L.001	L.005	L.005	L.002	L.002	**IN**
86-09-11	1334	L.001	L.005	L.005	L.002	L.002	**IN**
87-05-20	0840	L.001	L.005	L.005	L.002	L.003	.004
87-05-20	0841	L.001	L.005	L.005	L.002	L.003	L.002
87-05-20	0842	—	—	—	—	—	—
87-05-20	0843	—	—	—	—	—	—
87-09-16	0900	L.001	L.005	L.005	L.004	L.003	.003
87-09-16	0901	—	—	—	—	—	—
87-09-16	0905	L.001	L.005	L.005	L.004	L.003	.001
87-09-16	0906	—	—	—	—	—	—
88-05-17	1340	—	—	—	—	—	—
88-05-17	1341	L.001	L.006	L.006	L.005	L.005	L.006
88-05-17	1342	—	—	—	—	—	—
88-05-17	1343	L.001	L.006	L.006	L.005	L.005	L.006
88-09-22	0830	—	—	—	—	—	—
88-09-22	0831	—	—	—	—	—	—
88-09-22	0832	L.0008	L.006	L.006	L.002	L.004	L.0008
88-09-22	0833	L.0008	L.006	L.006	L.002	L.004	L.0008
MAX		L.0008	L.006	L.006	L.002	L.004	.004
MIN		L.0008	L.006	L.006	L.002	L.004	L.0008

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0056 CH'TOWN MAIN MALAPEQUE DUG WELL

DATE	TIME	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)	18205L IMIDAN (UG/L)
86-05-22	1440	——	——	——	——	——	——
86-05-22	1441	——	——	——	——	——	——
86-05-22	1450	L.006	L.001	.003	L.001	L.001	L.004
86-05-22	1451	L.006	L.001	.003	L.001	L.001	L.004
86-09-11	1330	——	——	——	——	——	——
86-09-11	1331	——	——	——	——	——	——
86-09-11	1333	L.005	L.001	L.001	L.001	L.001	L.004
86-09-11	1334	L.005	L.001	L.001	L.001	L.001	L.004
87-05-20	0840	L.002	L.002	.005	L.002	L.002	.009
87-05-20	0841	L.002	L.002	L.002	L.002	L.002	L.003
87-05-20	0842	——	——	——	——	——	——
87-05-20	0843	——	——	——	——	——	——
87-09-16	0900	L.002	L.001	L.001	L.001	L.001	L.002
87-09-16	0901	——	——	——	——	——	——
87-09-16	0905	L.002	L.001	.001	L.001	L.001	L.002
87-09-16	0906	——	——	——	——	——	——
88-05-17	1340	——	——	——	——	——	——
88-05-17	1341	L.002	L.001	L.001	L.001	L.001	L.003
88-05-17	1342	——	——	——	——	——	——
88-05-17	1343	L.002	L.001	L.001	L.001	L.001	L.003
88-09-22	0830	——	——	——	——	——	——
88-09-22	0831	——	——	——	——	——	——
88-09-22	0832	L.009	**IN**	L.0005	L.0003	L.0007	L.002
88-09-22	0833	L.009	**IN**	L.0005	L.0003	L.0007	**IN**
MAX		L.009	L.001	.005	L.0003	L.0007	.009
MIN		L.009	L.001	L.0005	L.0003	L.0007	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0056 CH'TOWN MAIN MALAPEQUE DUG WELL

DATE	TIME	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18325L M-TRITH (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)	18260L RONNEL (UG/L)
86-05-22	1440	——	——	——	——	——	——
86-05-22	1441	——	——	——	——	——	——
86-05-22	1450	L.001	L.001	**TC**	L.001	L.001	L.001
86-05-22	1451	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-11	1330	——	——	——	——	——	——
86-09-11	1331	——	——	——	——	——	——
86-09-11	1333	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-11	1334	L.001	L.001	**TC**	L.001	L.001	L.001
87-05-20	0840	L.003	L.002	**TC**	L.002	L.002	L.002
87-05-20	0841	L.003	L.002	**TC**	L.002	L.002	L.002
87-05-20	0842	——	——	——	——	——	——
87-05-20	0843	——	——	——	——	——	——
87-09-16	0900	L.001	L.001	**TC**	L.001	L.001	L.001
87-09-16	0901	——	——	——	——	——	——
87-09-16	0905	L.001	L.001	**TC**	L.001	L.001	L.001
87-09-16	0906	——	——	——	——	——	——
88-05-17	1340	——	——	——	——	——	——
88-05-17	1341	L.001	L.001	——	L.001	L.001	L.001
88-05-17	1342	——	——	——	——	——	——
88-05-17	1343	L.001	L.001	——	L.001	L.001	L.001
88-09-22	0830	——	——	——	——	——	——
88-09-22	0831	——	——	——	——	——	——
88-09-22	0832	L.0008	L.0007	——	L.0006	L.0006	L.0006
88-09-22	0833	L.0008	L.0007	——	L.0006	L.0006	L.0006
MAX		L.0008	L.0007	——	L.0006	L.0006	L.0006
MIN		L.0008	L.0007	——	L.0006	L.0006	L.0006

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CC0056 CH'TOWN MAIN MALAPEQUE DUG WELL PAGE 14

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
86-05-22	1440	----	----	----	----	----	----
86-05-22	1441	----	----	----	----	----	----
86-05-22	1450	L.03	L.02	L.02	L.04	L.03	L.04
86-05-22	1451	L.03	L.02	L.02	L.04	L.03	L.04
86-09-11	1330	----	----	----	----	----	----
86-09-11	1331	----	----	----	----	----	----
86-09-11	1333	L.03	L.02	L.02	L.04	L.03	L.04
86-09-11	1334	L.03	L.02	L.02	L.04	L.03	L.04
87-05-20	0840	L.03	L.02	L.02	L.04	L.03	L.04
87-05-20	0841	L.03	L.02	L.02	L.04	L.03	L.04
87-05-20	0842	----	----	----	----	----	----
87-05-20	0843	----	----	----	----	----	----
87-09-16	0900	L.03	L.02	L.02	L.04	L.03	L.04
87-09-16	0901	----	----	----	----	----	----
87-09-16	0905	L.03	L.02	L.02	L.04	L.03	L.04
87-09-16	0906	----	----	----	----	----	----
88-05-17	1340	----	----	----	----	----	----
88-05-17	1341	L.03	L.02	L.02	L.04	L.03	L.04
88-05-17	1342	----	----	----	----	----	----
88-05-17	1343	L.03	L.02	L.02	L.04	L.03	L.04
88-09-22	0830	----	----	----	----	----	----
88-09-22	0831	----	----	----	----	----	----
88-09-22	0832	L.03	L.02	L.02	L.04	L.03	L.04
88-09-22	0833	L.03	L.02	L.02	L.04	L.03	L.04
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1QPE01CC0056 CH'TOWN MAIN MALAPEQUE BUS WELL

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
86-05-22	1440	—	—	—	—	—	—
86-05-22	1441	—	—	—	—	—	—
86-05-22	1450	L.03	L.01	L.01	L.02	L.02	L.01
86-05-22	1451	L.03	L.01	L.01	L.02	L.02	L.01
86-09-11	1330	—	—	—	—	—	—
86-09-11	1331	—	—	—	—	—	—
86-09-11	1333	L.03	L.01	L.01	L.02	L.02	L.01
86-09-11	1334	L.03	L.01	L.01	L.02	L.02	L.01
87-05-20	0840	L.03	L.01	L.01	L.02	L.02	L.005
87-05-20	0841	L.03	L.01	L.01	L.02	L.02	L.005
87-05-20	0842	—	—	—	—	—	—
87-05-20	0843	—	—	—	—	—	—
87-09-16	0900	L.03	L.01	L.01	L.02	L.02	L.005
87-09-16	0901	—	—	—	—	—	—
87-09-16	0905	L.03	L.01	L.01	L.02	L.02	L.005
87-09-16	0906	—	—	—	—	—	—
88-05-17	1340	—	—	—	—	—	—
88-05-17	1341	L.03	L.01	L.01	L.02	L.02	L.005
88-05-17	1342	—	—	—	—	—	—
88-05-17	1343	L.03	L.01	L.01	L.02	L.02	L.005
88-09-22	0830	—	—	—	—	—	—
88-09-22	0831	—	—	—	—	—	—
88-09-22	0832	L.03	L.01	L.01	L.02	L.02	L.005
88-09-22	0833	L.03	L.01	L.01	L.02	L.02	L.005
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0056 CH'TOWN MAIN MALAPEQUE DUG WELL

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	89292L ALD FONE (UG/L)	89291L ALD OXID (UG/L)	89290L ALDICARB (UG/L)	89307L CARBARYL (UG/L)
86-05-22	1440	——	——	——	——	——	——
86-05-22	1441	——	——	——	——	——	——
86-05-22	1450	L.01	L.01	L.01	L.01	L.01	L.01
86-05-22	1451	L.01	L.01	L.01	L.01	L.01	L.01
86-09-11	1330	——	——	——	——	——	——
86-09-11	1331	——	——	——	——	——	——
86-09-11	1333	L.01	L.01	L.01	L.01	L.01	L.01
86-09-11	1334	L.01	L.01	L.01	L.01	L.01	L.01
87-05-20	0840	L.005	.005	**TC**	**TC**	**TC**	**TC**
87-05-20	0841	L.005	.005	**TC**	**TC**	**TC**	**TC**
87-05-20	0842	——	——	——	——	——	——
87-05-20	0843	——	——	——	——	——	——
87-09-16	0900	L.005	L.005	**TC**	**TC**	**TC**	**TC**
87-09-16	0901	——	——	——	——	——	——
87-09-16	0905	L.005	L.005	**TC**	**TC**	**TC**	**TC**
87-09-16	0906	——	——	——	——	——	——
88-05-17	1340	——	——	——	——	——	——
88-05-17	1341	L.005	L.005	L.1	L.1	L.1	L.1
88-05-17	1342	——	——	——	——	——	——
88-05-17	1343	L.005	L.005	L.1	L.1	L.1	L.1
88-09-22	0830	——	——	——	——	——	——
88-09-22	0831	——	——	——	——	——	——
88-09-22	0832	L.005	L.002	L.05	L.05	L.05	L.05
88-09-22	0833	L.005	.002	L.05	L.05	L.05	L.05
MAX		L.005	.005	L.05	L.05	L.05	L.05
MIN		L.005	L.002	L.05	L.05	L.05	L.05

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPE01CC0056 CH'TOWN MAIN MALAPEQUE DUG WELL

DATE	TIME	89269L CARBOFUR (UG/L)	16309L SO4 (MG/L)	26304L IRON (MG/L)	29306L COPPER (MG/L)
86-05-22	1440	—	—	—	—
86-05-22	1441	—	—	—	—
86-05-22	1450	—	—	—	—
86-05-22	1451	—	—	—	—
86-09-11	1330	—	—	—	—
86-09-11	1331	—	—	—	—
86-09-11	1333	L.01	—	—	—
86-09-11	1334	L.01	—	—	—
87-05-20	0840	**TC**	—	—	—
87-05-20	0841	**TC**	—	—	—
87-05-20	0842	—	16.6	—	—
87-05-20	0843	—	16.5	—	—
87-09-16	0900	**TC**	—	—	—
87-09-16	0901	—	17.6	5.60	.09
87-09-16	0905	**TC**	—	—	—
87-09-16	0906	—	17.4	.65	.05
88-05-17	1340	—	12.9	—	—
88-05-17	1341	L.1	—	—	—
88-05-17	1342	—	13.0	—	—
88-05-17	1343	L.1	—	—	—
88-09-22	0830	—	17.3	.06	.03
88-09-22	0831	—	17.3	.07	.03
88-09-22	0832	L.05	—	—	—
88-09-22	0833	L.05	—	—	—
MAX		L.05	17.6	5.60	.09
MIN		L.05	12.9	.06	.03

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CC0059 CHARLOTTETOWN - UNION WELL 'A' PAGE 1

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
87-05-20	1000	——	——	——	——	——	——
87-05-20	1001	——	——	——	——	——	——
87-05-20	1002	L5.	327.	.3	7.9	136.3	33.
87-05-20	1003	L5.	328.	.3	8.2	135.1	33.
87-09-15	1440	——	——	——	——	——	——
87-09-15	1441	L5.	318.	.1	8.0	129.2	30.8
87-09-15	1445	——	——	——	——	——	——
87-09-15	1446	L5.	318.	.2	8.0	128.8	31.2
MAX		L5.	328.	.3	8.2	136.3	33.
MIN		L5.	318.	.1	7.9	128.8	30.8

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	89350L BROMIDE (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)
87-05-20	1000	——	——	——	——	——	——
87-05-20	1001	——	——	——	——	——	——
87-05-20	1002	18.	6.1	1.3	**TC**	12.6	7.6
87-05-20	1003	18.	6.2	1.4	**TC**	12.6	7.7
87-09-15	1440	——	——	——	——	——	——
87-09-15	1441	17.3	6.6	1.4	**TC**	12.5	7.3
87-09-15	1445	——	——	——	——	——	——
87-09-15	1446	17.2	6.6	1.4	**TC**	12.6	7.3
MAX		18.	6.6	1.4	——	12.6	7.7
MIN		17.2	6.1	1.3	——	12.5	7.3

DATE	TIME	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09105L FLUORIDE (MG/L)
87-05-20	1000	——	——	——	——	——	——
87-05-20	1001	——	——	——	——	——	——
87-05-20	1002	7.6	2.1	.6	6.81	L1.	.05
87-05-20	1003	7.8	2.4	.6	7.49	L1.	.05
87-09-15	1440	——	——	——	——	——	——
87-09-15	1441	6.5	1.8	L.5	8.2	L1.	.05
87-09-15	1445	——	——	——	——	——	——
87-09-15	1446	6.6	1.9	L.5	8.0	L1.	.05
MAX		7.8	2.4	.6	8.2	L1.	.05
MIN		6.5	1.8	L.5	6.81	L1.	.05

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0059 CHARLOTTETOWN - UNION WELL 'A'

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
87-05-20	1000	——	——	——	——	——	——
87-05-20	1001	——	——	——	——	——	——
87-05-20	1002	L.010	.0005	L.01	.05	L.002	.009
87-05-20	1003	L.010	.0005	L.01	.005	L.002	.002
87-09-15	1440	——	——	——	——	——	——
87-09-15	1441	L.010	——	L.01	.005	L.002	L.002
87-09-15	1445	——	——	——	——	——	——
87-09-15	1446	L.010	——	L.01	.003	L.002	L.002
MAX		L.010	.0005	L.01	.05	L.002	.009
MIN		L.010	.0005	L.01	.003	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	18000L p,p-DDT (UG/L)
87-05-20	1000	——	——	——	——	——	L.001
87-05-20	1001	——	——	——	——	——	L.001
87-05-20	1002	L.01	L.0005	L.001	L.02	L.002	——
87-05-20	1003	L.01	L.0005	L.001	L.02	L.002	——
87-09-15	1440	——	——	——	——	——	L.001
87-09-15	1441	L.01	.0006	L.001	L.02	L.002	——
87-09-15	1445	——	——	——	——	——	L.001
87-09-15	1446	L.01	.0006	L.001	L.02	L.002	——
MAX		L.01	.0006	L.001	L.02	L.002	L.001
MIN		L.01	L.0005	L.001	L.02	L.002	L.001

DATE	TIME	18005L o,p-DDT (UG/L)	18010L p,p-DDD (UG/L)	18020L p,p-DDE (UG/L)	18030L p,p-MET (UG/L)	18040L HEPTACHL (UG/L)	18045L HEPT EPX (UG/L)
87-05-20	1000	L.001	L.001	L.001	L.01	L.001	L.001
87-05-20	1001	L.001	L.001	L.001	L.01	L.001	L.001
87-05-20	1002	——	——	——	——	——	——
87-05-20	1003	——	——	——	——	——	——
87-09-15	1440	L.001	L.001	L.001	L.01	L.001	L.001
87-09-15	1441	——	——	——	——	——	——
87-09-15	1445	L.001	L.001	L.001	L.01	L.001	L.001
87-09-15	1446	——	——	——	——	——	——
MAX		L.001	L.001	L.001	L.01	L.001	L.001
MIN		L.001	L.001	L.001	L.01	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0059 CHARLOTTETOWN - UNION WELL 'A' PAGE 3

DATE	TIME	18050L A-ENDO (UG/L)	18055L B-ENDO (UG/L)	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)	18075L A-BHC (UG/L)
87-05-20	1000	L.01	L.01	L.005	L.005	L.001	L.001
87-05-20	1001	L.01	L.01	L.005	L.005	L.001	L.001
87-05-20	1002	——	——	——	——	——	——
87-05-20	1003	——	——	——	——	——	——
87-09-15	1440	L.01	L.01	L.005	L.005	L.001	L.001
87-09-15	1441	——	——	——	——	——	——
87-09-15	1445	L.01	L.01	L.005	L.005	L.001	L.001
87-09-15	1446	——	——	——	——	——	——
MAX		L.01	L.01	L.005	L.005	L.001	L.001
MIN		L.01	L.01	L.005	L.005	L.001	L.001

DATE	TIME	18125L MIREX (UG/L)	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)
87-05-20	1000	L.001	L.001	L.01	L.001	L.005	L.02
87-05-20	1001	L.001	L.001	L.01	L.001	L.005	L.02
87-05-20	1002	——	——	——	——	——	——
87-05-20	1003	——	——	——	——	——	——
87-09-15	1440	L.001	L.001	L.01	L.001	L.005	L.02
87-09-15	1441	——	——	——	——	——	——
87-09-15	1445	L.001	L.001	L.01	L.001	L.005	L.02
87-09-15	1446	——	——	——	——	——	——
MAX		L.001	L.001	L.01	L.001	L.005	L.02
MIN		L.001	L.001	L.01	L.001	L.005	L.02

DATE	TIME	17821L 1,4DCB (UG/L)	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)
87-05-20	1000	L.02	L.02	L.004	L.004	L.004	L.002
87-05-20	1001	L.02	L.02	L.004	L.004	L.004	L.002
87-05-20	1002	——	——	——	——	——	——
87-05-20	1003	——	——	——	——	——	——
87-09-15	1440	**CD**	L.02	L.004	L.004	L.004	L.002
87-09-15	1441	——	——	——	——	——	——
87-09-15	1445	**CD**	L.02	L.004	L.004	L.004	L.002
87-09-15	1446	——	——	——	——	——	——
MAX		L.02	L.02	L.004	L.004	L.004	L.002
MIN		L.02	L.02	L.004	L.004	L.004	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 1OPE01CC0059 CHARLOTTETOWN - UNION WELL 'A'

DATE	TIME	17841L 1245 TECB (UG/L)	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L F1 (UG/L)	18901L B(b)F1 (UG/L)
87-05-20	1000	L.002	L.002	L.002	L.002	L.001	L.001
87-05-20	1001	L.002	L.002	L.002	L.002	.003	L.001
87-05-20	1002	——	——	——	——	——	——
87-05-20	1003	——	——	——	——	——	——
87-09-15	1440	L.002	L.002	L.002	L.002	.001	L.001
87-09-15	1441	——	——	——	——	——	——
87-09-15	1445	L.002	L.002	L.002	L.002	.005	L.001
87-09-15	1446	——	——	——	——	——	——
MAX		L.002	L.002	L.002	L.002	.005	L.001
MIN		L.002	L.002	L.002	L.002	L.001	L.001

DATE	TIME	18903L B(k)F1 (UG/L)	18900L B(a)P (UG/L)	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)	18190L BUTHION (UG/L)
87-05-20	1000	L.001	L.001	L.005	L.005	L.002	L.003
87-05-20	1001	L.001	L.001	L.005	L.005	L.002	L.003
87-05-20	1002	——	——	——	——	——	——
87-05-20	1003	——	——	——	——	——	——
87-09-15	1440	L.001	L.001	L.005	L.005	L.004	L.003
87-09-15	1441	——	——	——	——	——	——
87-09-15	1445	L.001	L.001	L.005	L.005	L.004	L.003
87-09-15	1446	——	——	——	——	——	——
MAX		L.001	L.001	L.005	L.005	L.004	L.003
MIN		L.001	L.001	L.005	L.005	L.004	L.003

DATE	TIME	18320L TRITHION (UG/L)	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)
87-05-20	1000	L.002	L.002	L.002	L.002	L.002	L.002
87-05-20	1001	L.002	L.002	L.002	L.002	L.002	L.002
87-05-20	1002	——	——	——	——	——	——
87-05-20	1003	——	——	——	——	——	——
87-09-15	1440	L.001	L.002	L.001	L.001	L.001	L.001
87-09-15	1441	——	——	——	——	——	——
87-09-15	1445	.001	L.002	L.001	L.001	L.001	L.001
87-09-15	1446	——	——	——	——	——	——
MAX		.001	L.002	L.001	L.001	L.001	L.001
MIN		L.001	L.002	L.001	L.001	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CC0059 CHARLOTTETOWN - UNION WELL 'A' PAGE 5

DATE	TIME	18205L IMIDAN (UG/L)	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18325L M-TRITH (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)
87-05-20	1000	L.003	L.003	L.002	**TC**	L.002	L.002
87-05-20	1001	L.003	L.003	L.002	**TC**	L.002	L.002
87-05-20	1002	——	——	——	——	——	——
87-05-20	1003	——	——	——	——	——	——
87-09-15	1440	L.002	L.001	L.001	**TC**	L.001	L.001
87-09-15	1441	——	——	——	——	——	——
87-09-15	1445	L.002	L.001	L.001	**TC**	L.001	L.001
87-09-15	1446	——	——	——	——	——	——
MAX		L.002	L.001	L.001	——	L.001	L.001
MIN		L.002	L.001	L.001	——	L.001	L.001

DATE	TIME	18260L RONNEL (UG/L)	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)
87-05-20	1000	L.002	L.03	L.02	L.02	L.04	L.03
87-05-20	1001	L.002	L.03	L.02	L.02	L.04	L.03
87-05-20	1002	——	——	——	——	——	——
87-05-20	1003	——	——	——	——	——	——
87-09-15	1440	L.001	L.03	L.02	L.02	L.04	L.03
87-09-15	1441	——	——	——	——	——	——
87-09-15	1445	L.001	L.03	L.02	L.02	L.04	L.03
87-09-15	1446	——	——	——	——	——	——
MAX		L.001	L.03	L.02	L.02	L.04	L.03
MIN		L.001	L.03	L.02	L.02	L.04	L.03

DATE	TIME	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)
87-05-20	1000	L.04	L.03	L.01	L.01	L.02	L.02
87-05-20	1001	L.04	L.03	L.01	L.01	L.02	L.02
87-05-20	1002	——	——	——	——	——	——
87-05-20	1003	——	——	——	——	——	——
87-09-15	1440	L.04	L.03	L.01	L.01	L.02	L.02
87-09-15	1441	——	——	——	——	——	——
87-09-15	1445	L.04	L.03	L.01	L.01	L.02	L.02
87-09-15	1446	——	——	——	——	——	——
MAX		L.04	L.03	L.01	L.01	L.02	L.02
MIN		L.04	L.03	L.01	L.01	L.02	L.02

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CC0059 CHARLOTTETOWN - UNION WELL 'A'

DATE	TIME	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	89290L ALDICARB (UG/L)	89291L ALD OXID (UG/L)	89292L ALD FONE (UG/L)
87-05-20	1000	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-05-20	1001	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-05-20	1002	——	——	——	——	——	——
87-05-20	1003	——	——	——	——	——	——
87-09-15	1440	L.005	L.005	.009	**TC**	**TC**	**TC**
87-09-15	1441	——	——	——	——	——	——
87-09-15	1445	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-09-15	1446	——	——	——	——	——	——
MAX		L.005	L.005	.009	——	——	——
MIN		L.005	L.005	L.005	——	——	——

DATE	TIME	89307L CARBARYL (UG/L)	89269L CARBOFUR (UG/L)
87-05-20	1000	**TC**	**TC**
87-05-20	1001	**TC**	**TC**
87-05-20	1002	——	——
87-05-20	1003	——	——
87-09-15	1440	**TC**	**TC**
87-09-15	1441	——	——
87-09-15	1445	**TC**	**TC**
87-09-15	1446	——	——
MAX		——	——
MIN		——	——

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CC0061 CH'TOWN - UNION WELL #4

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
88-05-17	1530	112.7	28.	15.	5.2	1.2	9.6
88-05-17	1531	112.4	27.	14.	5.2	1.2	9.6
88-05-17	1532	—	—	—	—	—	—
88-05-17	1533	—	—	—	—	—	—
88-09-22	1030	—	—	—	—	—	—
88-09-22	1031	—	—	—	—	—	—
88-09-22	1032	122.2	30.	15.	5.4	1.3	9.4
88-09-22	1033	122.7	29.	15.	5.3	1.2	9.5
MAX		122.7	30.	15.	5.4	1.3	9.6
MIN		112.4	27.	14.	5.2	1.2	9.4

DATE	TIME	16304L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)
88-05-17	1530	5.88	5.2	1.6	L.5	7.9	1.0
88-05-17	1531	6.03	5.2	1.6	L.5	7.9	L1.
88-05-17	1532	—	—	—	—	—	—
88-05-17	1533	—	—	—	—	—	—
88-09-22	1030	—	—	—	—	—	—
88-09-22	1031	—	—	—	—	—	—
88-09-22	1032	6.3	6.1	1.3	L.5	7.2	L1.
88-09-22	1033	6.3	6.1	1.4	L.5	7.2	L1.
MAX		6.3	6.1	1.6	L.5	7.9	1.0
MIN		5.88	5.2	1.3	L.5	7.2	L1.

DATE	TIME	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)
88-05-17	1530	.05	L.010	.00043	L.01	.007	L.002
88-05-17	1531	.05	L.010	.00048	L.01	.005	L.002
88-05-17	1532	—	—	—	—	—	—
88-05-17	1533	—	—	—	—	—	—
88-09-22	1030	—	—	—	—	—	—
88-09-22	1031	—	—	—	—	—	—
88-09-22	1032	.05	L.010	.0006	.01	.017	L.002
88-09-22	1033	.05	L.010	.0006	.01	.017	L.002
MAX		.05	L.010	.0006	.01	.017	L.002
MIN		.05	L.010	.00043	L.01	.005	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CC0061 CH'TOWN - UNION WELL #4

DATE	TIME	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)
88-05-17	1530	L.002	L.01	L.0005	L.001	L.02	.002
88-05-17	1531	L.002	.08	L.0005	L.001	L.02	.002
88-05-17	1532	—	—	—	—	—	—
88-05-17	1533	—	—	—	—	—	—
88-09-22	1030	—	—	—	—	—	—
88-09-22	1031	—	—	—	—	—	—
88-09-22	1032	.003	.01	L.0005	L.001	L.02	.002
88-09-22	1033	.002	.01	L.0005	L.001	L.02	L.002
MAX		.003	.08	L.0005	L.001	L.02	.002
MIN		L.002	L.01	L.0005	L.001	L.02	L.002

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	18000L p,p-DDT (UG/L)	18005L o,p-DDT (UG/L)
88-05-17	1530	L5.	270.	.2	7.6	—	—
88-05-17	1531	L5.	269.	.2	7.5	—	—
88-05-17	1532	—	—	—	—	L.001	L.001
88-05-17	1533	—	—	—	—	L.001	L.001
88-09-22	1030	—	—	—	—	L.001	L.001
88-09-22	1031	—	—	—	—	L.001	L.001
88-09-22	1032	L5.	286.	.2	8.1	—	—
88-09-22	1033	L5.	289.	.3	7.8	—	—
MAX		L5.	289.	.3	8.1	L.001	L.001
MIN		L5.	269.	.2	7.5	L.001	L.001

DATE	TIME	18010L p,p-DDD (UG/L)	18020L p,p-DDE (UG/L)	18030L p,p-MET (UG/L)	18040L HEPTACHL (UG/L)	18045L HEPT EPX (UG/L)	18050L A-ENDO (UG/L)
88-05-17	1530	—	—	—	—	—	—
88-05-17	1531	—	—	—	—	—	—
88-05-17	1532	L.001	L.001	L.01	L.001	L.001	L.01
88-05-17	1533	L.001	L.001	L.01	L.001	L.001	L.01
88-09-22	1030	L.001	L.001	L.01	L.001	L.001	L.01
88-09-22	1031	L.001	L.001	L.01	L.001	L.001	L.01
88-09-22	1032	—	—	—	—	—	—
88-09-22	1033	—	—	—	—	—	—
MAX		L.001	L.001	L.01	L.001	L.001	L.01
MIN		L.001	L.001	L.01	L.001	L.001	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 1OPE01CC0061 CH'TOWN - UNION WELL #4 PAGE 3

DATE	TIME	18055L B-ENDO (UG/L)	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)	18075L A-BHC (UG/L)	18125L MIREX (UG/L)
88-05-17	1530	——	——	——	——	——	——
88-05-17	1531	——	——	——	——	——	——
88-05-17	1532	L.01	L.005	L.005	L.001	L.001	L.001
88-05-17	1533	L.01	L.005	L.005	L.001	L.001	L.001
88-09-22	1030	L.01	L.005	L.005	L.001	L.001	L.001
88-09-22	1031	L.01	L.005	L.005	L.001	L.001	L.001
88-09-22	1032	——	——	——	——	——	——
88-09-22	1033	——	——	——	——	——	——
MAX		L.01	L.005	L.005	L.001	L.001	L.001
MIN		L.01	L.005	L.005	L.001	L.001	L.001

DATE	TIME	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)	17821L 1,4DCB (UG/L)
88-05-17	1530	——	——	——	——	——	——
88-05-17	1531	——	——	——	——	——	——
88-05-17	1532	L.001	L.01	L.001	L.005	L.02	**CD**
88-05-17	1533	L.001	L.01	L.001	L.005	L.02	**CD**
88-09-22	1030	.001	L.01	L.001	L.005	L.02	**CD**
88-09-22	1031	L.001	L.01	L.001	L.005	L.02	**CD**
88-09-22	1032	——	——	——	——	——	——
88-09-22	1033	——	——	——	——	——	——
MAX		.001	L.01	L.001	L.005	L.02	——
MIN		L.001	L.01	L.001	L.005	L.02	——

DATE	TIME	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)	17841L 1245 TECB (UG/L)
88-05-17	1530	——	——	——	——	——	——
88-05-17	1531	——	——	——	——	——	——
88-05-17	1532	L.02	L.004	L.004	L.004	L.002	L.002
88-05-17	1533	L.02	L.004	L.004	L.004	L.002	L.002
88-09-22	1030	L.02	L.004	L.004	L.004	L.002	L.002
88-09-22	1031	L.02	L.004	L.004	L.004	L.002	L.002
88-09-22	1032	——	——	——	——	——	——
88-09-22	1033	——	——	——	——	——	——
MAX		L.02	L.004	L.004	L.004	L.002	L.002
MIN		L.02	L.004	L.004	L.004	L.002	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CC0061 CH'TOWN - UNION WELL #4 PAGE 4

DATE	TIME	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L F1 (UG/L)	18901L B(b)F1 (UG/L)	18903L B(k)F1 (UG/L)
88-05-17	1530	——	——	——	——	——	——
88-05-17	1531	——	——	——	——	——	——
88-05-17	1532	L.002	L.002	L.002	.007	.001	L.001
88-05-17	1533	L.002	L.002	L.002	L.004	L.001	L.001
88-09-22	1030	L.002	L.002	L.002	.002	L.0008	L.0002
88-09-22	1031	L.002	L.002	L.002	L.001	L.0008	L.0002
88-09-22	1032	——	——	——	——	——	——
88-09-22	1033	——	——	——	——	——	——
MAX		L.002	L.002	L.002	.007	.001	L.0002
MIN		L.002	L.002	L.002	L.001	L.0008	L.0002

DATE	TIME	18900L B(a)P (UG/L)	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)	18190L GUTHION (UG/L)	18320L TRITHON (UG/L)
88-05-17	1530	——	——	——	——	——	——
88-05-17	1531	——	——	——	——	——	——
88-05-17	1532	L.001	L.006	L.006	L.005	L.005	L.006
88-05-17	1533	L.001	L.006	L.006	L.005	L.005	L.006
88-09-22	1030	L.0008	L.006	L.006	L.002	L.004	L.0008
88-09-22	1031	L.0008	L.006	L.006	L.002	L.004	L.0008
88-09-22	1032	——	——	——	——	——	——
88-09-22	1033	——	——	——	——	——	——
MAX		L.0008	L.006	L.006	L.002	L.004	L.0008
MIN		L.0008	L.006	L.006	L.002	L.004	L.0008

DATE	TIME	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)	18205L IMIDAN (UG/L)
88-05-17	1530	——	——	——	——	——	——
88-05-17	1531	——	——	——	——	——	——
88-05-17	1532	L.002	L.001	L.001	L.001	L.001	L.003
88-05-17	1533	L.002	L.001	L.001	L.001	L.001	L.003
88-09-22	1030	L.009	L.0006	L.0005	L.0003	L.0007	**IN**
88-09-22	1031	L.009	L.0006	L.0005	L.0003	L.0007	L.002
88-09-22	1032	——	——	——	——	——	——
88-09-22	1033	——	——	——	——	——	——
MAX		L.009	L.0006	L.0005	L.0003	L.0007	L.002
MIN		L.009	L.0006	L.0005	L.0003	L.0007	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0061 CH'TOWN - UNION WELL #4 PAGE 5

DATE	TIME	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)	18260L RONNEL (UG/L)	17704L 2-6-DCP (UG/L)
88-05-17	1530	——	——	——	——	——	——
88-05-17	1531	——	——	——	——	——	——
88-05-17	1532	L.001	L.001	L.001	L.001	L.001	L.03
88-05-17	1533	L.001	L.001	L.001	L.001	L.001	L.03
88-09-22	1030	L.0008	L.0007	L.0006	L.0006	L.0006	L.03
88-09-22	1031	L.0008	L.0007	L.0006	L.0006	L.0006	L.03
88-09-22	1032	——	——	——	——	——	——
88-09-22	1033	——	——	——	——	——	——
MAX		L.0008	L.0007	L.0006	L.0006	L.0006	L.03
MIN		L.0008	L.0007	L.0006	L.0006	L.0006	L.03

DATE	TIME	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)
88-05-17	1530	——	——	——	——	——	——
88-05-17	1531	——	——	——	——	——	——
88-05-17	1532	L.02	L.02	L.04	L.03	L.04	L.03
88-05-17	1533	L.02	L.02	L.04	L.03	L.04	L.03
88-09-22	1030	L.02	L.02	L.04	L.03	L.04	L.03
88-09-22	1031	L.02	L.02	L.04	L.03	L.04	L.03
88-09-22	1032	——	——	——	——	——	——
88-09-22	1033	——	——	——	——	——	——
MAX		L.02	L.02	L.04	L.03	L.04	L.03
MIN		L.02	L.02	L.04	L.03	L.04	L.03

DATE	TIME	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)
88-05-17	1530	——	——	——	——	——	——
88-05-17	1531	——	——	——	——	——	——
88-05-17	1532	L.01	L.01	L.02	L.02	L.005	L.005
88-05-17	1533	L.01	L.01	L.02	L.02	L.005	L.005
88-09-22	1030	L.01	L.01	L.02	L.02	L.005	L.005
88-09-22	1031	L.01	L.01	L.02	L.02	L.005	L.005
88-09-22	1032	——	——	——	——	——	——
88-09-22	1033	——	——	——	——	——	——
MAX		L.01	L.01	L.02	L.02	L.005	L.005
MIN		L.01	L.01	L.02	L.02	L.005	L.005

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1CPE01CC0061 CH'TOWN - UNION WELL #4

DATE	TIME	17804L PCP (UG/L)	89290L ALDICARB (UG/L)	89291L ALD OXID (UG/L)	89292L ALD FONE (UG/L)	89307L CARBARYL (UG/L)	89269L CARBOFUR (UG/L)
88-05-17	1530	—	—	—	—	—	—
88-05-17	1531	—	—	—	—	—	—
88-05-17	1532	L.005	L.1	L.1	L.1	L.1	L.1
88-05-17	1533	L.005	L.1	L.1	L.1	L.1	L.1
88-09-22	1030	.003	L.05	L.05	L.05	L.05	L.05
88-09-22	1031	.004	L.05	L.05	L.05	L.05	L.05
88-09-22	1032	—	—	—	—	—	—
88-09-22	1033	—	—	—	—	—	—
MAX		.004	L.05	L.05	L.05	L.05	L.05
MIN		L.005	L.05	L.05	L.05	L.05	L.05

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0054 CHARLOTTOWN - UNION WELL #5 PAGE 1

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
86-05-20	1500	L5.	295.	.2	8.0	123.7	30.
86-05-20	1501	L5.	294.	.3	7.8	125.3	30.
86-05-20	1515	—	—	—	—	—	—
86-05-20	1516	—	—	—	—	—	—
86-09-09	1440	—	—	—	—	—	—
86-09-09	1441	—	—	—	—	—	—
86-09-09	1442	L5.	314.	.3	7.7	131.6	32.
86-09-09	1443	L5.	315.	.3	8.0	130.1	32.
MAX		L5.	315.	.3	8.0	131.6	32.
MIN		L5.	294.	.2	7.7	123.7	30.

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17205L Cl (MG/L)	16304L SO4 (MG/L)	07110L NO3 NO2 (MG/L)
86-05-20	1500	16.	5.5	1.25	9.9	6.09	1.90
86-05-20	1501	15.	5.3	1.23	9.9	6.26	1.70
86-05-20	1515	—	—	—	—	—	—
86-05-20	1516	—	—	—	—	—	—
86-09-09	1440	—	—	—	—	—	—
86-09-09	1441	—	—	—	—	—	—
86-09-09	1442	17.	5.7	1.2	—	6.9	1.6
86-09-09	1443	17.	5.7	1.2	—	7.0	2.0
MAX		17.	5.7	1.25	9.9	7.0	2.0
MIN		15.	5.3	1.2	9.9	6.09	1.6

DATE	TIME	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09103L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)
86-05-20	1500	1.0	6.83	**TC**	L.05	L.010	.0003
86-05-20	1501	1.0	6.89	**TC**	L.05	L.010	.0003
86-05-20	1515	—	—	—	—	—	—
86-05-20	1516	—	—	—	—	—	—
86-09-09	1440	—	—	—	—	—	—
86-09-09	1441	—	—	—	—	—	—
86-09-09	1442	L.5	6.93	L1.	.05	L.010	.0003
86-09-09	1443	.6	6.93	L1.	.05	L.010	.0005
MAX		1.0	6.93	L1.	.05	L.010	.0005
MIN		L.5	6.83	L1.	L.05	L.010	.0003

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0054 CHARLOTTOWN - UNION WELL #5

DATE	TIME	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29303L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)
86-05-20	1500	L.01	.014	L.002	.002	.04	L.0005
86-05-20	1501	L.01	.013	L.002	L.002	.02	L.0005
86-05-20	1515	——	——	——	——	——	——
86-05-20	1516	——	——	——	——	——	——
86-09-09	1440	——	——	——	——	——	——
86-09-09	1441	——	——	——	——	——	——
86-09-09	1442	L.01	.018	L.002	L.002	.01	L.0005
86-09-09	1443	L.01	.015	L.002	L.002	.01	L.0005
MAX		L.01	.018	L.002	.002	.04	L.0005
MIN		L.01	.013	L.002	L.002	.01	L.0005

DATE	TIME	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	89350L BROMIDE (MG/L)	18000L p,p-DDT (UG/L)	18005L o,p-DDT (UG/L)
86-05-20	1500	L.001	L.02	L.002	L.1	——	——
86-05-20	1501	L.001	L.02	L.002	L.1	——	——
86-05-20	1515	——	——	——	——	L.001	L.001
86-05-20	1516	——	——	——	——	L.001	L.001
86-09-09	1440	——	——	——	——	L.001	L.001
86-09-09	1441	——	——	——	——	L.001	L.001
86-09-09	1442	L.001	L.02	L.002	**TC**	——	——
86-09-09	1443	L.001	L.02	L.002	**TC**	——	——
MAX		L.001	L.02	L.002	L.1	L.001	L.001
MIN		L.001	L.02	L.002	L.1	L.001	L.001

DATE	TIME	18010L p,p-DDD (UG/L)	18020L p,p-DDE (UG/L)	18030L p,p-MET (UG/L)	18040L HEPTACHL (UG/L)	18045L HEPT EPX (UG/L)	18050L A-ENDO (UG/L)
86-05-20	1500	——	——	——	——	——	——
86-05-20	1501	——	——	——	——	——	——
86-05-20	1515	L.001	L.001	L.01	L.001	L.001	L.01
86-05-20	1516	L.001	L.001	L.01	L.001	L.001	L.01
86-09-09	1440	L.001	L.001	L.01	L.001	L.001	L.01
86-09-09	1441	L.001	L.001	L.01	L.001	L.001	L.01
86-09-09	1442	——	——	——	——	——	——
86-09-09	1443	——	——	——	——	——	——
MAX		L.001	L.001	L.01	L.001	L.001	L.01
MIN		L.001	L.001	L.01	L.001	L.001	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0054 CHARLOTTOWN - UNION WELL #5 PAGE 3

DATE	TIME	18055L B-ENDO (UG/L)	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)	18075L A-BHC (UG/L)	18125L MIREX (UG/L)
86-05-20	1500	—	—	—	—	—	—
86-05-20	1501	—	—	—	—	—	—
86-05-20	1515	L.01	L.005	L.005	L.001	L.001	L.001
86-05-20	1516	L.01	L.005	L.005	L.001	L.001	L.001
86-09-09	1440	L.01	L.005	L.005	L.001	L.001	L.001
86-09-09	1441	L.01	L.005	L.005	L.001	L.001	L.001
86-09-09	1442	—	—	—	—	—	—
86-09-09	1443	—	—	—	—	—	—
MAX		L.01	L.005	L.005	L.001	L.001	L.001
MIN		L.01	L.005	L.005	L.001	L.001	L.001

DATE	TIME	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)	17821L 1,4DCB (UG/L)
86-05-20	1500	—	—	—	—	—	—
86-05-20	1501	—	—	—	—	—	—
86-05-20	1515	L.001	L.01	L.001	L.005	L.02	**CD**
86-05-20	1516	L.001	L.01	L.001	L.005	L.02	L.02
86-09-09	1440	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-09	1441	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-09	1442	—	—	—	—	—	—
86-09-09	1443	—	—	—	—	—	—
MAX		L.001	L.01	L.001	L.005	L.02	L.02
MIN		L.001	L.01	L.001	L.005	L.02	L.02

DATE	TIME	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)	17841L 1245 TECB (UG/L)
86-05-20	1500	—	—	—	—	—	—
86-05-20	1501	—	—	—	—	—	—
86-05-20	1515	L.02	L.004	L.004	L.004	L.002	L.002
86-05-20	1516	L.02	L.004	L.004	L.004	L.002	L.002
86-09-09	1440	**IN**	L.004	L.004	L.004	L.002	L.002
86-09-09	1441	**IN**	L.004	L.004	L.004	L.002	L.002
86-09-09	1442	—	—	—	—	—	—
86-09-09	1443	—	—	—	—	—	—
MAX		L.02	L.004	L.004	L.004	L.002	L.002
MIN		L.02	L.004	L.004	L.004	L.002	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0054 CHARLOTTOWN - UNION WELL #5 PAGE 4

DATE	TIME	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L F1 (UG/L)	18901L B(b)F1 (UG/L)	18903L B(k)F1 (UG/L)
86-05-20	1500	—	—	—	—	—	—
86-05-20	1501	—	—	—	—	—	—
86-05-20	1515	L.002	L.002	L.002	.004	L.001	L.001
86-05-20	1516	L.002	L.002	L.002	.003	L.001	L.001
86-09-09	1440	L.002	L.002	L.002	L.001	L.001	L.001
86-09-09	1441	L.002	L.002	L.002	L.001	L.001	L.001
86-09-09	1442	—	—	—	—	—	—
86-09-09	1443	—	—	—	—	—	—
MAX		L.002	L.002	L.002	.004	L.001	L.001
MIN		L.002	L.002	L.002	L.001	L.001	L.001

DATE	TIME	18900L B(a)P (UG/L)	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)	18190L GUTHION (UG/L)	18320L TRITHON (UG/L)
86-05-20	1500	—	—	—	—	—	—
86-05-20	1501	—	—	—	—	—	—
86-05-20	1515	L.001	L.005	L.005	L.003	L.002	L.001
86-05-20	1516	L.001	L.005	L.005	L.003	L.002	L.001
86-09-09	1440	L.001	L.005	L.005	L.002	L.002	**IN**
86-09-09	1441	L.001	L.005	L.005	L.002	L.002	**IN**
86-09-09	1442	—	—	—	—	—	—
86-09-09	1443	—	—	—	—	—	—
MAX		L.001	L.005	L.005	L.002	L.002	L.001
MIN		L.001	L.005	L.005	L.002	L.002	L.001

DATE	TIME	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)	18205L INIDAN (UG/L)
86-05-20	1500	—	—	—	—	—	—
86-05-20	1501	—	—	—	—	—	—
86-05-20	1515	L.006	L.001	L.001	L.001	L.001	L.004
86-05-20	1516	L.006	L.001	L.001	L.001	L.001	L.004
86-09-09	1440	L.005	L.001	L.001	L.001	L.001	L.004
86-09-09	1441	L.005	L.001	L.001	L.001	L.001	L.004
86-09-09	1442	—	—	—	—	—	—
86-09-09	1443	—	—	—	—	—	—
MAX		L.005	L.001	L.001	L.001	L.001	L.004
MIN		L.005	L.001	L.001	L.001	L.001	L.004

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0054 CHARLOTTOWN - UNION WELL #5 PAGE 5

DATE	TIME	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18325L M-TRITH (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)	18260L RONNEL (UG/L)
86-05-20	1300	——	——	——	——	——	——
86-05-20	1301	——	——	——	——	——	——
86-05-20	1515	L.001	L.001	**TC**	L.001	L.001	L.001
86-05-20	1516	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-09	1440	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-09	1441	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-09	1442	——	——	——	——	——	——
86-09-09	1443	——	——	——	——	——	——
MAX		L.001	L.001	——	L.001	L.001	L.001
MIN		L.001	L.001	——	L.001	L.001	L.001

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
86-05-20	1300	——	——	——	——	——	——
86-05-20	1301	——	——	——	——	——	——
86-05-20	1515	L.03	L.02	L.02	L.04	L.03	L.04
86-05-20	1516	L.03	L.02	L.02	L.04	L.03	L.04
86-09-09	1440	L.03	L.02	L.02	L.04	L.03	L.04
86-09-09	1441	L.03	L.02	L.02	L.04	L.03	L.04
86-09-09	1442	——	——	——	——	——	——
86-09-09	1443	——	——	——	——	——	——
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
86-05-20	1300	——	——	——	——	——	——
86-05-20	1301	——	——	——	——	——	——
86-05-20	1515	L.03	L.01	L.01	L.02	L.02	L.01
86-05-20	1516	L.03	L.01	L.01	L.02	L.02	L.01
86-09-09	1440	L.03	L.01	L.01	L.02	L.02	L.01
86-09-09	1441	L.03	L.01	L.01	L.02	L.02	L.01
86-09-09	1442	——	——	——	——	——	——
86-09-09	1443	——	——	——	——	——	——
MAX		L.03	L.01	L.01	L.02	L.02	L.01
MIN		L.03	L.01	L.01	L.02	L.02	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0054 CHARLOTTOWN - UNION WELL #5 PAGE 6

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	89292L ALD FONE (UG/L)	89291L ALD OXID (UG/L)	89290L ALDICARB (UG/L)	89307L CARBARYL (UG/L)
86-05-20	1500	—	—	—	—	—	—
86-05-20	1501	—	—	—	—	—	—
86-05-20	1515	L.01	L.01	L.01	L.01	L.01	L.01
86-05-20	1516	L.01	L.01	L.01	L.01	L.01	L.01
86-09-09	1440	L.01	L.01	L.01	L.01	L.01	L.01
86-09-09	1441	L.01	L.01	L.01	L.01	L.01	L.01
86-09-09	1442	—	—	—	—	—	—
86-09-09	1443	—	—	—	—	—	—
MAX		L.01	L.01	L.01	L.01	L.01	L.01
MIN		L.01	L.01	L.01	L.01	L.01	L.01

DATE	TIME	89269L CARBOFUR (UG/L)	17209L Cl (MG/L)
86-05-20	1500	—	—
86-05-20	1501	—	—
86-05-20	1515	—	—
86-05-20	1516	—	—
86-09-09	1440	L.01	—
86-09-09	1441	L.01	—
86-09-09	1442	—	11.5
86-09-09	1443	—	11.5
MAX		L.01	11.5
MIN		L.01	11.5

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CE0007 GEORGETOWN - TOWN WELL #7 PAGE 1

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
86-05-22	1230	L5.	205.	.3	7.9	79.1	20.
86-05-22	1231	L5.	205.	.3	8.2	78.9	20.
86-05-22	1240	—	—	—	—	—	—
86-05-22	1241	—	—	—	—	—	—
86-09-17	1201	—	—	—	—	—	—
86-09-17	1202	—	—	—	—	—	—
86-09-17	1203	L5.	206.	.2	8.0	78.	21.
86-09-17	1204	L5.	206.	.2	8.2	78.6	20.
88-05-18	1315	L5.	255.	.1	7.8	104.4	26.
88-05-18	1316	—	—	—	—	—	—
88-05-18	1317	L5.	256.	.2	7.8	104.7	27.
88-05-18	1318	—	—	—	—	—	—
88-09-20	1530	L5.	274.	.1	8.0	110.	28.
88-09-20	1531	L5.	292.	.1	8.1	121.	30.
88-09-20	1532	—	—	—	—	—	—
88-09-20	1533	—	—	—	—	—	—
MAX		L5.	292.	.3	8.2	121.	30.
MIN		L5.	205.	.1	7.8	78.	20.

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17205L Cl (MG/L)	16304L SO4 (MG/L)	07110L NO3 NO2 (MG/L)
86-05-22	1230	10.	5.7	1.00	10.3	6.09	.61
86-05-22	1231	10.	4.7	1.00	10.1	5.73	.62
86-05-22	1240	—	—	—	—	—	—
86-05-22	1241	—	—	—	—	—	—
86-09-17	1201	—	—	—	—	—	—
86-09-17	1202	—	—	—	—	—	—
86-09-17	1203	10.	3.2	1.5	—	6.5	.47
86-09-17	1204	10.	4.9	1.0	—	6.6	.60
88-05-18	1315	13.	5.4	1.2	—	5.38	.67
88-05-18	1316	—	—	—	—	—	—
88-05-18	1317	13.	5.3	1.2	—	5.67	.56
88-05-18	1318	—	—	—	—	—	—
88-09-20	1530	14.	6.0	1.4	—	5.5	1.2
88-09-20	1531	15.	5.9	1.4	—	5.0	1.2
88-09-20	1532	—	—	—	—	—	—
88-09-20	1533	—	—	—	—	—	—
MAX		15.	6.0	1.5	10.3	6.6	1.2
MIN		10.	3.2	1.00	10.1	5.0	.47

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CE0007 GEORGETOWN - TOWN WELL 07 PAGE 2

DATE	TIME	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)
86-05-22	1230	L.5	4.79	**TC**	L.05	L.010	L.0002
86-05-22	1231	L.5	4.86	**TC**	L.05	L.010	.0003
86-05-22	1240	—	—	—	—	—	—
86-05-22	1241	—	—	—	—	—	—
86-09-17	1201	—	—	—	—	—	—
86-09-17	1202	—	—	—	—	—	—
86-09-17	1203	L.5	5.39	L1.	.05	L.010	.0004
86-09-17	1204	L.5	5.33	L1.	.05	L.010	.0004
88-05-18	1315	L.5	7.1	L1.	L.05	L.010	.00025
88-05-18	1316	—	—	—	—	—	—
88-05-18	1317	L.5	7.1	L1.	L.05	L.010	.00024
88-05-18	1318	—	—	—	—	—	—
88-09-20	1530	.6	6.4	L1.	L.05	L.010	.001
88-09-20	1531	.6	6.7	L1.	L.05	L.010	.001
88-09-20	1532	—	—	—	—	—	—
88-09-20	1533	—	—	—	—	—	—
MAX		.6	7.1	L1.	.05	L.010	.001
MIN		L.5	4.79	L1.	L.05	L.010	L.0002

DATE	TIME	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)
86-05-22	1230	L.01	.010	L.002	.002	L.01	.0056
86-05-22	1231	L.01	.010	L.002	L.002	L.01	.0054
86-05-22	1240	—	—	—	—	—	—
86-05-22	1241	—	—	—	—	—	—
86-09-17	1201	—	—	—	—	—	—
86-09-17	1202	—	—	—	—	—	—
86-09-17	1203	L.01	.012	L.002	L.002	L.01	.0055
86-09-17	1204	L.01	.012	L.002	.003	L.01	.0056
88-05-18	1315	L.01	.012	L.002	.002	.01	.0030
88-05-18	1316	—	—	—	—	—	—
88-05-18	1317	L.01	.018	L.002	L.002	.01	.0030
88-05-18	1318	—	—	—	—	—	—
88-09-20	1530	L.01	.005	L.002	L.002	.01	.0027
88-09-20	1531	L.01	.002	L.002	L.002	.01	.0022
88-09-20	1532	—	—	—	—	—	—
88-09-20	1533	—	—	—	—	—	—
MAX		L.01	.018	L.002	.003	.01	.0056
MIN		L.01	.002	L.002	L.002	L.01	.0022

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CE0007 GEORGETOWN - TOWN WELL #7 PAGE 3

DATE	TIME	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	89350L BROMIDE (MG/L)	18000L p,p-DDT (UG/L)	18005L o,p-DDT (UG/L)
86-05-22	1230	L.001	L.02	L.002	L.1	—	—
86-05-22	1231	L.001	L.02	L.002	L.1	—	—
86-05-22	1240	—	—	—	—	L.001	L.001
86-05-22	1241	—	—	—	—	L.001	L.001
86-09-17	1201	—	—	—	—	L.001	L.001
86-09-17	1202	—	—	—	—	L.001	L.001
86-09-17	1203	L.001	L.02	L.002	**TC**	—	—
86-09-17	1204	L.001	L.02	L.002	**TC**	—	—
88-05-18	1315	L.001	L.02	L.002	—	—	—
88-05-18	1316	—	—	—	—	L.001	L.001
88-05-18	1317	L.001	L.02	L.002	—	—	—
88-05-18	1318	—	—	—	—	L.001	L.001
88-09-20	1530	L.001	L.02	L.002	—	—	—
88-09-20	1531	L.001	L.02	L.002	—	—	—
88-09-20	1532	—	—	—	—	L.001	L.001
88-09-20	1533	—	—	—	—	L.001	L.001
MAX		L.001	L.02	L.002	L.1	L.001	L.001
MIN		L.001	L.02	L.002	L.1	L.001	L.001

DATE	TIME	18010L p,p-DDD (UG/L)	18020L p,p-DDE (UG/L)	18030L p,p-MET (UG/L)	18040L HEPTACHL (UG/L)	18045L HEPT EPX (UG/L)	18050L A-ENDO (UG/L)
86-05-22	1230	—	—	—	—	—	—
86-05-22	1231	—	—	—	—	—	—
86-05-22	1240	L.001	L.001	L.01	L.001	L.001	L.01
86-05-22	1241	L.001	L.001	L.01	L.001	L.001	L.01
86-09-17	1201	L.001	L.001	L.01	.001	L.001	L.01
86-09-17	1202	L.001	L.001	L.01	.003	L.001	L.01
86-09-17	1203	—	—	—	—	—	—
86-09-17	1204	—	—	—	—	—	—
88-05-18	1315	—	—	—	—	—	—
88-05-18	1316	L.001	L.001	L.01	L.001	L.001	L.01
88-05-18	1317	—	—	—	—	—	—
88-05-18	1318	L.001	L.001	L.01	L.001	L.001	L.01
88-09-20	1530	—	—	—	—	—	—
88-09-20	1531	—	—	—	—	—	—
88-09-20	1532	L.001	L.001	L.01	L.001	L.001	L.01
88-09-20	1533	L.001	L.001	L.01	L.001	L.001	L.01
MAX		L.001	L.001	L.01	.003	L.001	L.01
MIN		L.001	L.001	L.01	L.001	L.001	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPE01CE0007 GEORGETOWN - TOWN WELL #7 PAGE 4

DATE	TIME	18055L B-ENDO (UG/L)	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)	18075L A-BHC (UG/L)	18123L MIREX (UG/L)
86-05-22	1230	—	—	—	—	—	—
86-05-22	1231	—	—	—	—	—	—
86-05-22	1240	L.01	L.005	L.005	L.001	L.001	L.001
86-05-22	1241	L.01	L.005	L.005	L.001	L.001	L.001
86-09-17	1201	L.01	L.005	L.005	L.001	L.001	L.001
86-09-17	1202	L.01	L.005	L.005	L.001	L.001	L.001
86-09-17	1203	—	—	—	—	—	—
86-09-17	1204	—	—	—	—	—	—
88-05-18	1315	—	—	—	—	—	—
88-05-18	1316	L.01	L.005	L.005	L.001	L.001	L.001
88-05-18	1317	—	—	—	—	—	—
88-05-18	1318	L.01	L.005	L.005	L.001	L.001	L.001
88-09-20	1530	—	—	—	—	—	—
88-09-20	1531	—	—	—	—	—	—
88-09-20	1532	L.01	L.005	L.005	L.001	L.001	L.001
88-09-20	1533	L.01	L.005	L.005	L.001	L.001	L.001
MAX		L.01	L.005	L.005	L.001	L.001	L.001
MIN		L.01	L.005	L.005	L.001	L.001	L.001

DATE	TIME	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)	17821L 1,4DCB (UG/L)
86-05-22	1230	—	—	—	—	—	—
86-05-22	1231	—	—	—	—	—	—
86-05-22	1240	L.001	L.01	L.001	L.005	L.02	**CD**
86-05-22	1241	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-17	1201	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-17	1202	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-17	1203	—	—	—	—	—	—
86-09-17	1204	—	—	—	—	—	—
88-05-18	1315	—	—	—	—	—	—
88-05-18	1316	L.001	L.01	L.001	L.005	L.02	**CD**
88-05-18	1317	—	—	—	—	—	—
88-05-18	1318	L.001	L.01	L.001	L.005	L.02	**CD**
88-09-20	1530	—	—	—	—	—	—
88-09-20	1531	—	—	—	—	—	—
88-09-20	1532	L.001	L.01	L.001	L.005	L.02	**CD**
88-09-20	1533	L.001	L.01	L.001	L.005	L.02	**CD**
MAX		L.001	L.01	L.001	L.005	L.02	—
MIN		L.001	L.01	L.001	L.005	L.02	—

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CE0007 GEORGETOWN - TOWN WELL #7 PAGE 5

DATE	TIME	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)	17841L 1245 TECB (UG/L)
86-05-22	1230	——	——	——	——	——	——
86-05-22	1231	——	——	——	——	——	——
86-05-22	1240	L.02	L.004	L.004	L.004	L.002	L.002
86-05-22	1241	L.02	L.004	L.004	L.004	L.002	L.002
86-09-17	1201	**IN**	L.004	L.004	L.004	L.002	L.002
86-09-17	1202	**IN**	L.004	L.004	L.004	L.002	L.002
86-09-17	1203	——	——	——	——	——	——
86-09-17	1204	——	——	——	——	——	——
88-05-18	1315	——	——	——	——	——	——
88-05-18	1316	L.02	L.004	L.004	L.004	L.002	L.002
88-05-18	1317	——	——	——	——	——	——
88-05-18	1318	L.02	L.004	L.004	L.004	L.002	L.002
88-09-20	1530	——	——	——	——	——	——
88-09-20	1531	——	——	——	——	——	——
88-09-20	1532	L.02	L.004	L.004	L.004	L.002	L.002
88-09-20	1533	L.02	L.004	L.004	L.004	L.002	L.002
MAX		L.02	L.004	L.004	L.004	L.002	L.002
MIN		L.02	L.004	L.004	L.004	L.002	L.002

DATE	TIME	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L Fl (UG/L)	18901L B(b)Fl (UG/L)	18903L B(k)Fl (UG/L)
86-05-22	1230	——	——	——	——	——	——
86-05-22	1231	——	——	——	——	——	——
86-05-22	1240	L.002	L.002	L.002	L.001	L.001	L.001
86-05-22	1241	L.002	L.002	L.002	.001	L.001	L.001
86-09-17	1201	L.002	L.002	L.002	L.001	L.001	L.001
86-09-17	1202	L.002	L.002	L.002	L.001	L.001	L.001
86-09-17	1203	——	——	——	——	——	——
86-09-17	1204	——	——	——	——	——	——
88-05-18	1315	——	——	——	——	——	——
88-05-18	1316	L.002	L.002	L.002	L.004	.001	L.001
88-05-18	1317	——	——	——	——	——	——
88-05-18	1318	L.002	L.002	L.002	L.004	L.001	L.001
88-09-20	1530	——	——	——	——	——	——
88-09-20	1531	——	——	——	——	——	——
88-09-20	1532	L.002	L.002	L.002	.002	L.0008	L.0002
88-09-20	1533	L.002	L.002	L.002	.002	L.0008	L.0002
MAX		L.002	L.002	L.002	.002	.001	L.0002
MIN		L.002	L.002	L.002	L.004	L.0008	L.0002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CE0007 GEORGETOWN - TOWN WELL #7 PAGE 6

DATE	TIME	18900L B(a)P (UG/L)	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18175L AZIN-ETH (UG/L)	18190L GUTHION (UG/L)	18320L TRITHON (UG/L)
86-05-22	1230	—	—	—	—	—	—
86-05-22	1231	—	—	—	—	—	—
86-05-22	1240	L.001	L.005	L.005	L.003	L.002	L.001
86-05-22	1241	L.001	L.005	L.005	L.003	L.002	L.001
86-09-17	1201	L.001	L.005	L.005	L.002	L.002	**IN**
86-09-17	1202	L.001	L.005	L.005	L.002	L.002	**IN**
86-09-17	1203	—	—	—	—	—	—
86-09-17	1204	—	—	—	—	—	—
88-05-18	1315	—	—	—	—	—	—
88-05-18	1316	L.001	L.006	L.006	L.005	L.005	L.006
88-05-18	1317	—	—	—	—	—	—
88-05-18	1318	L.001	L.006	L.006	L.005	L.005	L.006
88-09-20	1530	—	—	—	—	—	—
88-09-20	1531	—	—	—	—	—	—
88-09-20	1532	L.0008	L.006	L.006	L.002	L.004	L.0008
88-09-20	1533	L.0008	L.006	L.006	L.002	L.004	L.0008
MAX		L.0008	L.006	L.006	L.002	L.004	L.0008
MIN		L.0008	L.006	L.006	L.002	L.004	L.0008

DATE	TIME	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)	18205L IMIDAN (UG/L)
86-05-22	1230	—	—	—	—	—	—
86-05-22	1231	—	—	—	—	—	—
86-05-22	1240	L.006	L.001	L.001	L.001	L.001	L.004
86-05-22	1241	L.006	L.001	L.001	L.001	L.001	L.004
86-09-17	1201	L.005	L.001	L.001	L.001	L.001	L.004
86-09-17	1202	L.005	L.001	L.001	L.001	L.001	L.004
86-09-17	1203	—	—	—	—	—	—
86-09-17	1204	—	—	—	—	—	—
88-05-18	1315	—	—	—	—	—	—
88-05-18	1316	L.002	L.001	L.001	L.001	L.001	L.003
88-05-18	1317	—	—	—	—	—	—
88-05-18	1318	L.002	L.001	L.001	L.001	L.001	L.003
88-09-20	1530	—	—	—	—	—	—
88-09-20	1531	—	—	—	—	—	—
88-09-20	1532	L.009	L.0006	L.0005	L.0003	L.0007	L.002
88-09-20	1533	L.009	L.0006	L.0005	L.0003	L.0007	L.002
MAX		L.009	L.0006	L.0005	L.0003	L.0007	L.002
MIN		L.009	L.0006	L.0005	L.0003	L.0007	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CE0007 GEORGETOWN - TOWN WELL #7 PAGE 7

DATE	TIME	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18325L M-TRITH (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)	18260L RONNEL (UG/L)
86-05-22	1230	—	—	—	—	—	—
86-05-22	1231	—	—	—	—	—	—
86-05-22	1240	L.001	L.001	**TC**	L.001	L.001	L.001
86-05-22	1241	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-17	1201	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-17	1202	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-17	1203	—	—	—	—	—	—
86-09-17	1204	—	—	—	—	—	—
88-05-18	1315	—	—	—	—	—	—
88-05-18	1316	L.001	L.001	—	L.001	L.001	L.001
88-05-18	1317	—	—	—	—	—	—
88-05-18	1318	L.001	L.001	—	L.001	L.001	L.001
88-09-20	1530	—	—	—	—	—	—
88-09-20	1531	—	—	—	—	—	—
88-09-20	1532	L.0008	L.0007	—	L.0006	L.0006	L.0006
88-09-20	1533	L.0008	L.0007	—	L.0006	L.0006	L.0006
MAX		L.0008	L.0007	—	L.0006	L.0006	L.0006
MIN		L.0008	L.0007	—	L.0006	L.0006	L.0006

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
86-05-22	1230	—	—	—	—	—	—
86-05-22	1231	—	—	—	—	—	—
86-05-22	1240	L.03	L.02	L.02	L.04	L.03	L.04
86-05-22	1241	L.03	L.02	L.02	L.04	L.03	L.04
86-09-17	1201	L.03	L.02	L.02	L.04	L.03	L.04
86-09-17	1202	L.03	L.02	L.02	L.04	L.03	L.04
86-09-17	1203	—	—	—	—	—	—
86-09-17	1204	—	—	—	—	—	—
88-05-18	1315	—	—	—	—	—	—
88-05-18	1316	L.03	L.02	L.02	L.04	L.03	L.04
88-05-18	1317	—	—	—	—	—	—
88-05-18	1318	L.03	L.02	L.02	L.04	L.03	L.04
88-09-20	1530	—	—	—	—	—	—
88-09-20	1531	—	—	—	—	—	—
88-09-20	1532	L.03	L.02	L.02	L.04	L.03	L.04
88-09-20	1533	L.03	L.02	L.02	L.04	L.03	L.04
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPE01CE0007 GEORGETOWN - TOWN WELL #7 PAGE 8

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
86-05-22	1230	—	—	—	—	—	—
86-05-22	1231	—	—	—	—	—	—
86-05-22	1240	L.03	L.01	L.01	L.02	L.02	L.01
86-05-22	1241	L.03	L.01	L.01	L.02	L.02	L.01
86-09-17	1201	L.03	L.01	L.01	L.02	L.02	L.01
86-09-17	1202	L.03	L.01	L.01	L.02	L.02	L.01
86-09-17	1203	—	—	—	—	—	—
86-09-17	1204	—	—	—	—	—	—
88-05-18	1315	—	—	—	—	—	—
88-05-18	1316	L.03	L.01	L.01	L.02	L.02	L.005
88-05-18	1317	—	—	—	—	—	—
88-05-18	1318	L.03	L.01	L.01	L.02	L.02	L.005
88-09-20	1530	—	—	—	—	—	—
88-09-20	1531	—	—	—	—	—	—
88-09-20	1532	L.03	L.01	L.01	L.02	L.02	L.005
88-09-20	1533	L.03	L.01	L.01	L.02	L.02	L.005
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	89292L ALD FONE (UG/L)	89291L ALD OXID (UG/L)	89290L ALDICARB (UG/L)	89307L CARBARYL (UG/L)
86-05-22	1230	—	—	—	—	—	—
86-05-22	1231	—	—	—	—	—	—
86-05-22	1240	L.01	L.01	L.01	L.01	L.01	L.01
86-05-22	1241	L.01	L.01	L.01	L.01	L.01	L.01
86-09-17	1201	L.01	L.01	L.01	L.01	L.01	L.01
86-09-17	1202	L.01	L.01	L.01	L.01	L.01	L.01
86-09-17	1203	—	—	—	—	—	—
86-09-17	1204	—	—	—	—	—	—
88-05-18	1315	—	—	—	—	—	—
88-05-18	1316	L.005	L.005	L.1	L.1	L.1	L.1
88-05-18	1317	—	—	—	—	—	—
88-05-18	1318	L.005	L.005	L.1	L.1	L.1	L.1
88-09-20	1530	—	—	—	—	—	—
88-09-20	1531	—	—	—	—	—	—
88-09-20	1532	L.005	.005	L.05	L.05	L.05	L.05
88-09-20	1533	L.005	.011	L.05	L.05	L.05	L.05
MAX		L.005	.011	L.05	L.05	L.05	L.05
MIN		L.005	L.005	L.05	L.05	L.05	L.05

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CE0007 GEORGETOWN - TOWN WELL #7 PAGE 9

DATE	TIME	89269L CARBOFUR (UG/L)	17209L Cl (MG/L)	16309L SO4 (MG/L)
86-05-22	1230	—	—	—
86-05-22	1231	—	—	—
86-05-22	1240	—	—	—
86-05-22	1241	—	—	—
86-09-17	1201	L.01	—	—
86-09-17	1202	L.01	—	—
86-09-17	1203	—	10.8	—
86-09-17	1204	—	10.7	—
88-05-18	1315	—	12.4	5.1
88-05-18	1316	L.1	—	—
88-05-18	1317	—	12.5	5.7
88-05-18	1318	L.1	—	—
88-09-20	1530	—	13.2	5.5
88-09-20	1531	—	14.1	5.2
88-09-20	1532	L.05	—	—
88-09-20	1533	L.05	—	—
MAX		L.05	14.1	5.7
MIN		L.05	10.7	5.1

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0020 KENSINGTON - WELL #2 PAGE 1

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
86-05-21	1610	L5.	263.	.1	7.8	85.6	42.
86-05-21	1612	L5.	263.	.1	7.7	86.0	42.
86-05-21	1615	—	—	—	—	—	—
86-05-21	1616	—	—	—	—	—	—
86-09-10	1340	L5.	315.	.2	7.9	98.	48.
86-09-10	1341	L5.	317.	.2	7.6	99.7	48.
86-09-10	1342	—	—	—	—	—	—
86-09-10	1343	—	—	—	—	—	—
87-05-21	1000	—	—	—	—	—	—
87-05-21	1001	—	—	—	—	—	—
87-05-21	1002	L5.	388.	.2	8.1	124.8	61.
87-05-21	1003	L5.	388.	.2	8.0	123.9	60.
87-09-17	1000	—	—	—	—	—	—
87-09-17	1001	L5.	301.	.1	7.8	96.7	48.3
87-09-17	1005	—	—	—	—	—	—
87-09-17	1006	L5.	300.	.1	7.8	96.8	48.0
88-05-19	1030	L5.	258.	.3	7.2	80.3	40.
88-05-19	1031	L5.	255.	.3	7.1	81.1	40.
88-05-19	1032	—	—	—	—	—	—
88-05-19	1033	—	—	—	—	—	—
88-09-19	1600	L5.	384.	.2	7.9	121.6	57.
88-09-19	1601	L5.	385.	.1	8.0	123.	57.
88-09-19	1602	—	—	—	—	—	—
88-09-19	1603	—	—	—	—	—	—
MAX		L5.	388.	.3	8.1	124.8	61.
MIN		L5.	255.	.1	7.1	80.3	40.

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0020 KENSINGTON - WELL #2 PAGE 2

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17205L Cl (MG/L)	16304L SO4 (MG/L)	07110L NO3 NO2 (MG/L)
86-05-21	1610	1.6	8.1	.84	20.	8.24	2.30
86-05-21	1612	1.6	7.9	.76	20.	8.06	2.30
86-05-21	1615	—	—	—	—	—	—
86-05-21	1616	—	—	—	—	—	—
86-09-10	1340	1.9	8.8	.74	—	11.1	3.6
86-09-10	1341	1.9	8.7	.74	—	11.0	3.2
86-09-10	1342	—	—	—	—	—	—
86-09-10	1343	—	—	—	—	—	—
87-05-21	1000	—	—	—	—	—	—
87-05-21	1001	—	—	—	—	—	—
87-05-21	1002	3.7	11.2	.88	—	14.1	4.6
87-05-21	1003	3.5	11.2	.84	—	13.9	4.5
87-09-17	1000	—	—	—	—	—	—
87-09-17	1001	1.9	8.6	.96	—	10.1	3.3
87-09-17	1005	—	—	—	—	—	—
87-09-17	1006	1.9	8.8	.74	—	10.1	3.2
88-05-19	1030	1.7	8.3	.79	—	8.22	2.9
88-05-19	1031	1.7	8.3	.80	—	8.22	2.9
88-05-19	1032	—	—	—	—	—	—
88-05-19	1033	—	—	—	—	—	—
88-09-19	1600	3.5	10.6	1.0	—	11.9	4.8
88-09-19	1601	3.6	10.7	1.0	—	12.1	4.8
88-09-19	1602	—	—	—	—	—	—
88-09-19	1603	—	—	—	—	—	—
MAX		3.7	11.2	1.0	20.	14.1	4.8
MIN		1.6	7.9	.74	20.	8.06	2.30

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0020 KENSINGTON - WELL #2 PAGE 3

DATE	TIME	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09105L FLUORIDE (MG/L)	13303L Al (MG/L)	24004L Cr (MG/L)
86-05-21	1610	L.5	9.22	**TC**	L.05	L.010	L.0002
86-05-21	1612	L.5	9.14	**TC**	L.05	L.010	L.0002
86-05-21	1615	—	—	—	—	—	—
86-05-21	1616	—	—	—	—	—	—
86-09-10	1340	L.5	9.57	L1.	L.05	L.010	.0002
86-09-10	1341	L.5	9.57	L1.	L.05	L.010	.0002
86-09-10	1342	—	—	—	—	—	—
86-09-10	1343	—	—	—	—	—	—
87-05-21	1000	—	—	—	—	—	—
87-05-21	1001	—	—	—	—	—	—
87-05-21	1002	L.5	9.95	L1.	L.05	L.010	L.0002
87-05-21	1003	L.5	9.95	L1.	L.05	L.010	L.0002
87-09-17	1000	—	—	—	—	—	—
87-09-17	1001	L.5	9.8	L1.	L.05	L.010	—
87-09-17	1005	—	—	—	—	—	—
87-09-17	1006	L.5	9.8	L1.	L.05	L.010	—
88-05-19	1030	L.5	10.4	L1.	L.05	L.010	.00021
88-05-19	1031	L.5	10.4	1.0	L.05	L.010	.00020
88-05-19	1032	—	—	—	—	—	—
88-05-19	1033	—	—	—	—	—	—
88-09-19	1600	1.0	11.2	L1.	L.05	L.010	.0006
88-09-19	1601	.7	11.2	L1.	L.05	L.010	.0007
88-09-19	1602	—	—	—	—	—	—
88-09-19	1603	—	—	—	—	—	—
MAX		1.0	11.2	1.0	L.05	L.010	.0007
MIN		L.5	9.14	L1.	L.05	L.010	L.0002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPE01CB0020 KENSINGTON - WELL #2 PAGE 4

DATE	TIME	25304L Mn (MG/L)	26305L IRON (MG/L)	26302L NICKEL (MG/L)	29306L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)
86-05-21	1610	L.01	.002	L.002	.05	L.01	L.0005
86-05-21	1612	L.01	L.002	L.002	.03	L.01	L.0005
86-05-21	1615	—	—	—	—	—	—
86-05-21	1616	—	—	—	—	—	—
86-09-10	1340	L.01	.003	L.002	—	L.01	.0005
86-09-10	1341	L.01	.003	L.002	—	L.01	.0005
86-09-10	1342	—	—	—	—	—	—
86-09-10	1343	—	—	—	—	—	—
87-05-21	1000	—	—	—	—	—	—
87-05-21	1001	—	—	—	—	—	—
87-05-21	1002	L.01	.011	L.002	—	.02	.0006
87-05-21	1003	L.01	.009	L.002	—	.02	.0006
87-09-17	1000	—	—	—	—	—	—
87-09-17	1001	L.01	.002	L.002	—	L.01	.0006
87-09-17	1005	—	—	—	—	—	—
87-09-17	1006	L.01	.002	L.002	—	L.01	.0006
88-05-19	1030	L.01	L.002	L.002	.05	L.01	L.0005
88-05-19	1031	L.01	.002	L.002	.06	.01	L.0005
88-05-19	1032	—	—	—	—	—	—
88-05-19	1033	—	—	—	—	—	—
88-09-19	1600	L.01	L.002	L.002	—	.01	.0007
88-09-19	1601	L.01	L.002	L.002	—	.01	.0008
88-09-19	1602	—	—	—	—	—	—
88-09-19	1603	—	—	—	—	—	—
MAX		L.01	.011	L.002	.06	.02	.0008
MIN		L.01	L.002	L.002	.03	L.01	L.0005

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPE01CB0020 KENSINGTON - WELL #2 PAGE 5

DATE	TIME	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	89350L BROMIDE (MG/L)	18000L p,p-DDT (UG/L)	18005L o,p-DDT (UG/L)
86-05-21	1610	L.001	L.02	.005	L.1	—	—
86-05-21	1612	L.001	L.02	L.002	L.1	—	—
86-05-21	1615	—	—	—	—	L.001	L.001
86-05-21	1616	—	—	—	—	L.001	L.001
86-09-10	1340	L.001	L.02	L.002	**TC**	—	—
86-09-10	1341	L.001	L.02	L.002	**TC**	—	—
86-09-10	1342	—	—	—	—	L.001	L.001
86-09-10	1343	—	—	—	—	L.001	L.001
87-05-21	1000	—	—	—	—	L.001	L.001
87-05-21	1001	—	—	—	—	L.001	L.001
87-05-21	1002	L.001	L.02	L.002	**TC**	—	—
87-05-21	1003	L.001	L.02	L.002	**TC**	—	—
87-09-17	1000	—	—	—	—	L.001	L.001
87-09-17	1001	L.001	L.02	L.002	**TC**	—	—
87-09-17	1005	—	—	—	—	L.001	L.001
87-09-17	1006	L.001	L.02	L.002	**TC**	—	—
88-05-19	1030	L.001	L.02	L.002	—	—	—
88-05-19	1031	L.001	L.02	L.002	—	—	—
88-05-19	1032	—	—	—	—	L.001	L.001
88-05-19	1033	—	—	—	—	L.001	L.001
88-09-19	1600	L.001	L.02	L.002	—	—	—
88-09-19	1601	L.001	L.02	L.002	—	—	—
88-09-19	1602	—	—	—	—	L.001	L.001
88-09-19	1603	—	—	—	—	L.001	L.001
MAX		L.001	L.02	.005	L.1	L.001	L.001
MIN		L.001	L.02	L.002	L.1	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0020 KENSINGTON - WELL #2 PAGE 6

DATE	TIME	18010L p,p-DDD (UG/L)	18020L p,p-DDE (UG/L)	18030L p,p-MET (UG/L)	18040L HEPTACHL (UG/L)	18045L HEPT EPX (UG/L)	18050L A-ENDO (UG/L)
86-05-21	1610	——	——	——	——	——	——
86-05-21	1612	——	——	——	——	——	——
86-05-21	1615	L.001	L.001	L.01	L.001	L.001	L.01
86-05-21	1616	L.001	L.001	L.01	L.001	L.001	L.01
86-09-10	1340	——	——	——	——	——	——
86-09-10	1341	——	——	——	——	——	——
86-09-10	1342	L.001	L.001	L.01	L.001	L.001	L.01
86-09-10	1343	L.001	L.001	L.01	L.001	L.001	L.01
87-05-21	1000	L.001	L.001	L.01	L.001	L.001	L.01
87-05-21	1001	L.001	L.001	L.01	L.001	L.001	L.01
87-05-21	1002	——	——	——	——	——	——
87-05-21	1003	——	——	——	——	——	——
87-09-17	1000	L.001	L.001	L.01	L.001	L.001	L.01
87-09-17	1001	——	——	——	——	——	——
87-09-17	1005	L.001	L.001	L.01	L.001	L.001	L.01
87-09-17	1006	——	——	——	——	——	——
88-05-19	1030	——	——	——	——	——	——
88-05-19	1031	——	——	——	——	——	——
88-05-19	1032	L.001	L.001	L.01	L.001	L.001	L.01
88-05-19	1033	L.001	L.001	L.01	L.001	L.001	L.01
88-09-19	1600	——	——	——	——	——	——
88-09-19	1601	——	——	——	——	——	——
88-09-19	1602	L.001	L.001	L.01	L.001	L.001	L.01
88-09-19	1603	L.001	L.001	L.01	L.001	L.001	L.01
MAX		L.001	L.001	L.01	L.001	L.001	L.01
MIN		L.001	L.001	L.01	L.001	L.001	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0020 KENSINGTON - WELL #2 PAGE 7

DATE	TIME	18055L B-ENDO (UG/L)	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)	18075L A-BHC (UG/L)	18125L MIREX (UG/L)
86-05-21	1610	—	—	—	—	—	—
86-05-21	1612	—	—	—	—	—	—
86-05-21	1615	L.01	L.005	L.005	L.001	L.001	L.001
86-05-21	1616	L.01	L.005	L.005	L.001	L.001	L.001
86-09-10	1340	—	—	—	—	—	—
86-09-10	1341	—	—	—	—	—	—
86-09-10	1342	L.01	L.005	L.005	L.001	L.001	L.001
86-09-10	1343	L.01	L.005	L.005	L.001	L.001	L.001
87-05-21	1000	L.01	L.005	L.005	L.001	L.001	L.001
87-05-21	1001	L.01	L.005	L.005	L.001	L.001	L.001
87-05-21	1002	—	—	—	—	—	—
87-05-21	1003	—	—	—	—	—	—
87-09-17	1000	L.01	L.005	L.005	L.001	L.001	L.001
87-09-17	1001	—	—	—	—	—	—
87-09-17	1005	L.01	L.005	L.005	L.001	L.001	L.001
87-09-17	1006	—	—	—	—	—	—
88-05-19	1030	—	—	—	—	—	—
88-05-19	1031	—	—	—	—	—	—
88-05-19	1032	L.01	L.005	L.005	L.001	L.001	L.001
88-05-19	1033	L.01	L.005	L.005	L.001	L.001	L.001
88-09-19	1600	—	—	—	—	—	—
88-09-19	1601	—	—	—	—	—	—
88-09-19	1602	L.01	L.005	L.005	L.001	L.001	L.001
88-09-19	1603	L.01	L.005	L.005	L.001	L.001	L.001
MAX		L.01	L.005	L.005	L.001	L.001	L.001
MIN		L.01	L.005	L.005	L.001	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0020 KENSINGTON - WELL #2 PAGE 8

DATE	TIME	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)	17821L 1,4DCB (UG/L)
86-05-21	1610	——	——	——	——	——	——
86-05-21	1612	——	——	——	——	——	——
86-05-21	1615	L.001	L.01	L.001	L.005	L.02	**CD**
86-05-21	1616	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-10	1340	——	——	——	——	——	——
86-09-10	1341	——	——	——	——	——	——
86-09-10	1342	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-10	1343	L.001	L.01	L.001	L.005	L.02	**CD**
87-05-21	1000	L.001	L.01	L.001	L.005	L.02	L.02
87-05-21	1001	L.001	L.01	L.001	L.005	L.02	L.02
87-05-21	1002	——	——	——	——	——	——
87-05-21	1003	——	——	——	——	——	——
87-09-17	1000	L.001	L.01	L.001	L.005	L.02	**CD**
87-09-17	1001	——	——	——	——	——	——
87-09-17	1005	L.001	L.01	L.001	L.005	L.02	**CD**
87-09-17	1006	——	——	——	——	——	——
88-05-19	1030	——	——	——	——	——	——
88-05-19	1031	——	——	——	——	——	——
88-05-19	1032	L.001	L.01	L.001	L.005	L.02	**CD**
88-05-19	1033	L.001	L.01	L.001	L.005	L.02	**CD**
88-09-19	1600	——	——	——	——	——	——
88-09-19	1601	——	——	——	——	——	——
88-09-19	1602	L.001	L.01	L.001	L.005	L.02	**CD**
88-09-19	1603	L.001	L.01	L.001	L.005	L.02	**CD**
MAX		L.001	L.01	L.001	L.005	L.02	L.02
MIN		L.001	L.01	L.001	L.005	L.02	L.02

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0020 KENSINGTON - WELL #2 PAGE 9

DATE	TIME	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)	17841L 1245 TECB (UG/L)
86-05-21	1610	—	—	—	—	—	—
86-05-21	1612	—	—	—	—	—	—
86-05-21	1615	L.02	L.004	L.004	L.004	L.002	L.002
86-05-21	1616	L.02	L.004	L.004	L.004	L.002	L.002
86-09-10	1340	—	—	—	—	—	—
86-09-10	1341	—	—	—	—	—	—
86-09-10	1342	**IN**	L.004	L.004	L.004	L.002	L.002
86-09-10	1343	**IN**	L.004	L.004	L.004	L.002	L.002
87-05-21	1000	L.02	L.004	L.004	L.004	L.002	L.002
87-05-21	1001	L.02	L.004	L.004	L.004	L.002	L.002
87-05-21	1002	—	—	—	—	—	—
87-05-21	1003	—	—	—	—	—	—
87-09-17	1000	L.02	L.004	L.004	L.004	L.002	L.002
87-09-17	1001	—	—	—	—	—	—
87-09-17	1005	L.02	L.004	L.004	L.004	L.002	L.002
87-09-17	1006	—	—	—	—	—	—
88-05-19	1030	—	—	—	—	—	—
88-05-19	1031	—	—	—	—	—	—
88-05-19	1032	L.02	L.004	L.004	L.004	L.002	L.002
88-05-19	1033	L.02	L.004	L.004	L.004	L.002	L.002
88-09-19	1600	—	—	—	—	—	—
88-09-19	1601	—	—	—	—	—	—
88-09-19	1602	L.02	L.004	L.004	L.004	L.002	L.002
88-09-19	1603	L.02	L.004	L.004	L.004	L.002	L.002
MAX		L.02	L.004	L.004	L.004	L.002	L.002
MIN		L.02	L.004	L.004	L.004	L.002	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0020 KENSINGTON - WELL #2 PAGE 10

DATE	TIME	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L F1 (UG/L)	18901L B(b)F1 (UG/L)	18903L B(k)F1 (UG/L)
86-05-21	1610	——	——	——	——	——	——
86-05-21	1612	——	——	——	——	——	——
86-05-21	1615	L.002	L.002	L.002	.001	L.001	L.001
86-05-21	1616	L.002	L.002	L.002	.001	L.001	L.001
86-09-10	1340	——	——	——	——	——	——
86-09-10	1341	——	——	——	——	——	——
86-09-10	1342	L.002	L.002	L.002	L.001	L.001	L.001
86-09-10	1343	L.002	L.002	L.002	L.002	L.001	L.001
87-05-21	1000	L.002	L.002	L.002	.002	L.001	L.001
87-05-21	1001	L.002	L.002	L.002	.002	L.001	L.001
87-05-21	1002	——	——	——	——	——	——
87-05-21	1003	——	——	——	——	——	——
87-09-17	1000	L.002	L.002	L.002	.002	L.001	L.001
87-09-17	1001	——	——	——	——	——	——
87-09-17	1005	L.002	L.002	L.002	.003	L.001	L.001
87-09-17	1006	——	——	——	——	——	——
88-05-19	1030	——	——	——	——	——	——
88-05-19	1031	——	——	——	——	——	——
88-05-19	1032	L.002	L.002	L.002	.005	L.001	L.001
88-05-19	1033	L.002	L.002	L.002	L.004	L.001	L.001
88-09-19	1600	——	——	——	——	——	——
88-09-19	1601	——	——	——	——	——	——
88-09-19	1602	L.002	L.002	L.002	.003	L.0008	L.0002
88-09-19	1603	L.002	L.002	L.002	.001	L.0008	L.0002
MAX		L.002	L.002	L.002	.005	L.0008	L.0002
MIN		L.002	L.002	L.002	L.004	L.0008	L.0002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0020 KENSINGTON - WELL #2 PAGE 11

DATE	TIME	18900L B(a)P (UG/L)	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)	18190L GUTHION (UG/L)	18320L TRITHON (UG/L)
86-05-21	1610	——	——	——	——	——	——
86-05-21	1612	——	——	——	——	——	——
86-05-21	1615	L.001	L.005	L.005	L.003	L.002	L.001
86-05-21	1616	L.001	L.005	L.005	L.003	L.002	L.001
86-09-10	1340	——	——	——	——	——	——
86-09-10	1341	——	——	——	——	——	——
86-09-10	1342	L.001	L.005	L.005	L.002	L.002	**IN**
86-09-10	1343	L.001	L.005	L.005	L.002	L.002	**IN**
87-05-21	1000	L.001	L.005	L.005	L.002	L.003	L.002
87-05-21	1001	L.001	L.005	L.005	L.002	L.003	L.002
87-05-21	1002	——	——	——	——	——	——
87-05-21	1003	——	——	——	——	——	——
87-09-17	1000	L.001	L.005	L.005	L.004	L.003	.001
87-09-17	1001	——	——	——	——	——	——
87-09-17	1005	L.001	L.005	L.005	L.004	L.003	L.001
87-09-17	1006	——	——	——	——	——	——
88-05-19	1030	——	——	——	——	——	——
88-05-19	1031	——	——	——	——	——	——
88-05-19	1032	L.001	L.006	L.006	L.005	L.005	L.006
88-05-19	1033	L.001	L.006	L.006	L.005	L.005	L.006
88-09-19	1600	——	——	——	——	——	——
88-09-19	1601	——	——	——	——	——	——
88-09-19	1602	L.0008	L.006	L.006	L.002	L.004	L.0008
88-09-19	1603	L.0008	L.006	L.006	L.002	L.004	L.0008
MAX		L.0008	L.006	L.006	L.002	L.004	.001
MIN		L.0008	L.006	L.006	L.002	L.004	L.0008

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0020 KENSINGTON - WELL #2 PAGE 12

DATE	TIME	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)	18205L IMIDAN (UG/L)
86-05-21	1610	—	—	—	—	—	—
86-05-21	1612	—	—	—	—	—	—
86-05-21	1615	L.006	L.001	L.001	L.001	L.001	L.004
86-05-21	1616	L.006	L.001	L.001	L.001	L.001	L.004
86-09-10	1340	—	—	—	—	—	—
86-09-10	1341	—	—	—	—	—	—
86-09-10	1342	L.005	L.001	L.001	L.001	L.001	L.004
86-09-10	1343	L.005	L.001	L.001	L.001	L.001	L.004
87-05-21	1000	L.002	L.002	L.002	L.002	L.002	L.003
87-05-21	1001	L.002	L.002	L.002	L.002	L.002	L.003
87-05-21	1002	—	—	—	—	—	—
87-05-21	1003	—	—	—	—	—	—
87-09-17	1000	L.002	L.001	L.001	L.001	L.001	L.002
87-09-17	1001	—	—	—	—	—	—
87-09-17	1005	L.002	L.001	L.001	L.001	L.001	L.002
87-09-17	1006	—	—	—	—	—	—
88-05-19	1030	—	—	—	—	—	—
88-05-19	1031	—	—	—	—	—	—
88-05-19	1032	L.002	L.001	L.001	L.001	L.001	L.003
88-05-19	1033	L.002	L.001	L.001	L.001	L.001	L.003
88-09-19	1600	—	—	—	—	—	—
88-09-19	1601	—	—	—	—	—	—
88-09-19	1602	L.009	L.0006	L.0005	L.0003	L.0007	L.002
88-09-19	1603	L.009	L.0006	L.0005	L.0003	L.0007	L.002
MAX		L.009	L.0006	L.0005	L.0003	L.0007	L.002
MIN		L.009	L.0006	L.0005	L.0003	L.0007	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPE01C00020 KENSINGTON - WELL #2 PAGE 13

DATE	TIME	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18325L M-TRITH (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)	18260L RONNEL (UG/L)
86-05-21	1610	—	—	—	—	—	—
86-05-21	1612	—	—	—	—	—	—
86-05-21	1615	L.001	L.001	**TC**	L.001	L.001	L.001
86-05-21	1616	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-10	1340	—	—	—	—	—	—
86-09-10	1341	—	—	—	—	—	—
86-09-10	1342	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-10	1343	L.001	L.001	**TC**	L.001	L.001	L.001
87-05-21	1000	L.003	L.002	**TC**	L.002	L.002	L.002
87-05-21	1001	L.003	L.002	**TC**	L.002	L.002	L.002
87-05-21	1002	—	—	—	—	—	—
87-05-21	1003	—	—	—	—	—	—
87-09-17	1000	L.001	L.001	**TC**	L.001	L.001	L.001
87-09-17	1001	—	—	—	—	—	—
87-09-17	1005	L.001	L.001	**TC**	L.001	L.001	L.001
87-09-17	1006	—	—	—	—	—	—
88-05-19	1030	—	—	—	—	—	—
88-05-19	1031	—	—	—	—	—	—
88-05-19	1032	L.001	L.001	—	L.001	L.001	L.001
88-05-19	1033	L.001	L.001	—	L.001	L.001	L.001
88-09-19	1600	—	—	—	—	—	—
88-09-19	1601	—	—	—	—	—	—
88-09-19	1602	L.0008	L.0007	—	L.0006	L.0006	L.0006
88-09-19	1603	L.0008	L.0007	—	L.0006	L.0006	L.0006
MAX		L.0008	L.0007	—	L.0006	L.0006	L.0006
MIN		L.0008	L.0007	—	L.0006	L.0006	L.0006

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CB0020 KENSINGTON - WELL #2

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
86-05-21	1610	——	——	——	——	——	——
86-05-21	1612	——	——	——	——	——	——
86-05-21	1615	L.03	L.02	L.02	L.04	L.03	L.04
86-05-21	1616	L.03	L.02	L.02	L.04	L.03	L.04
86-09-10	1340	——	——	——	——	——	——
86-09-10	1341	——	——	——	——	——	——
86-09-10	1342	L.03	L.02	L.02	L.04	L.03	L.04
86-09-10	1343	L.03	L.02	L.02	L.04	L.03	L.04
87-05-21	1000	L.03	L.02	L.02	L.04	L.03	L.04
87-05-21	1001	L.03	L.02	L.02	L.04	L.03	L.04
87-05-21	1002	——	——	——	——	——	——
87-05-21	1003	——	——	——	——	——	——
87-09-17	1000	L.03	L.02	L.02	L.04	L.03	L.04
87-09-17	1001	——	——	——	——	——	——
87-09-17	1005	L.03	L.02	L.02	L.04	L.03	L.04
87-09-17	1006	——	——	——	——	——	——
88-05-19	1030	——	——	——	——	——	——
88-05-19	1031	——	——	——	——	——	——
88-05-19	1032	L.03	L.02	L.02	L.04	L.03	L.04
88-05-19	1033	L.03	L.02	L.02	L.04	L.03	L.04
88-09-19	1600	——	——	——	——	——	——
88-09-19	1601	——	——	——	——	——	——
88-09-19	1602	L.03	L.02	L.02	L.04	L.03	L.04
88-09-19	1603	L.03	L.02	L.02	L.04	L.03	L.04
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0020 KENSINGTON - WELL #2 PAGE 15

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
86-05-21	1610	——	——	——	——	——	——
86-05-21	1612	——	——	——	——	——	——
86-05-21	1615	L.03	L.01	L.01	L.02	L.02	L.01
86-05-21	1616	L.03	L.01	L.01	L.02	L.02	L.01
86-09-10	1340	——	——	——	——	——	——
86-09-10	1341	——	——	——	——	——	——
86-09-10	1342	L.03	L.01	L.01	L.02	L.02	L.01
86-09-10	1343	L.03	L.01	L.01	L.02	L.02	L.01
87-05-21	1000	L.03	L.01	L.01	L.02	L.02	L.005
87-05-21	1001	L.03	L.01	L.01	L.02	L.02	L.005
87-05-21	1002	——	——	——	——	——	——
87-05-21	1003	——	——	——	——	——	——
87-09-17	1000	L.03	L.01	L.01	L.02	L.02	L.005
87-09-17	1001	——	——	——	——	——	——
87-09-17	1005	L.03	L.01	L.01	L.02	L.02	L.005
87-09-17	1006	——	——	——	——	——	——
88-05-19	1030	——	——	——	——	——	——
88-05-19	1031	——	——	——	——	——	——
88-05-19	1032	L.03	L.01	L.01	L.02	L.02	L.005
88-05-19	1033	L.03	L.01	L.01	L.02	L.02	L.005
88-09-19	1600	——	——	——	——	——	——
88-09-19	1601	——	——	——	——	——	——
88-09-19	1602	L.03	L.01	L.01	L.02	L.02	L.005
88-09-19	1603	L.03	L.01	L.01	L.02	L.02	L.005
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0020 KENSINGTON - WELL #2 PAGE 16

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	89292L ALD FONE (UG/L)	89291L ALD OXID (UG/L)	89290L ALDICARB (UG/L)	89307L CARBARYL (UG/L)
86-05-21	1610	——	——	——	——	——	——
86-05-21	1612	——	——	——	——	——	——
86-05-21	1615	L.01	L.01	L.01	L.01	L.01	L.01
86-05-21	1616	L.01	L.01	L.01	L.01	L.01	L.01
86-09-10	1340	——	——	——	——	——	——
86-09-10	1341	——	——	——	——	——	——
86-09-10	1342	L.01	L.01	L.01	L.01	L.01	L.01
86-09-10	1343	L.01	L.01	L.01	L.01	L.01	L.01
87-05-21	1000	L.005	L.005	**TC**	**TC**	**TC**	**TC**
87-05-21	1001	L.005	L.005	**TC**	**TC**	**TC**	**TC**
87-05-21	1002	——	——	——	——	——	——
87-05-21	1003	——	——	——	——	——	——
87-09-17	1000	L.005	L.005	**TC**	**TC**	**TC**	**TC**
87-09-17	1001	——	——	——	——	——	——
87-09-17	1005	L.005	L.005	**TC**	**TC**	**TC**	**TC**
87-09-17	1006	——	——	——	——	——	——
88-05-19	1030	——	——	——	——	——	——
88-05-19	1031	——	——	——	——	——	——
88-05-19	1032	L.005	L.005	L.1	L.1	L.1	L.1
88-05-19	1033	L.005	L.005	L.1	L.1	L.1	L.1
88-09-19	1600	——	——	——	——	——	——
88-09-19	1601	——	——	——	——	——	——
88-09-19	1602	L.005	.003	L.05	L.05	L.05	L.05
88-09-19	1603	L.005	.004	L.05	L.05	L.05	L.05
MAX		L.005	.004	L.05	L.05	L.05	L.05
MIN		L.005	L.005	L.05	L.05	L.05	L.05

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0020 KENSINGTON - WELL #2 PAGE 17

DATE	TIME	89269L CARBOFUR (UG/L)	17209L Cl (MG/L)	29305L COPPER (MG/L)	16309L SO4 (MG/L)
86-05-21	1610	—	—	—	—
86-05-21	1612	—	—	—	—
86-05-21	1615	—	—	—	—
86-05-21	1616	—	—	—	—
86-09-10	1340	—	19.0	.016	—
86-09-10	1341	—	19.0	.018	—
86-09-10	1342	L.01	—	—	—
86-09-10	1343	L.01	—	—	—
87-05-21	1000	**TC**	—	—	—
87-05-21	1001	**TC**	—	—	—
87-05-21	1002	—	25.	.013	13.4
87-05-21	1003	—	25.	.012	13.6
87-09-17	1000	**TC**	—	—	—
87-09-17	1001	—	20.5	.02	9.8
87-09-17	1005	**TC**	—	—	—
87-09-17	1006	—	20.5	.02	10.3
88-05-19	1030	—	17.2	—	7.9
88-05-19	1031	—	17.2	—	7.9
88-05-19	1032	L.1	—	—	—
88-05-19	1033	L.1	—	—	—
88-09-19	1600	—	25.	.013	13.1
88-09-19	1601	—	25.	.014	12.9
88-09-19	1602	L.05	—	—	—
88-09-19	1603	L.05	—	—	—
MAX		L.05	25.	.02	13.6
MIN		L.05	17.2	.012	7.9

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CC0060 NORTH RUSTICO - COMPOSITE

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
87-05-21	0900	—	—	—	—	—	—
87-05-21	0901	—	—	—	—	—	—
87-05-21	0902	L5.	236.	.3	7.7	81.9	28.
87-05-21	0903	L5.	236.	.2	8.2	80.	28.
87-09-16	1430	—	—	—	—	—	—
87-09-16	1431	L5.	226.	.1	8.1	76.2	27.0
87-09-16	1432	L5.	226.	.1	8.1	74.9	27.0
87-09-16	1435	—	—	—	—	—	—
88-05-19	0930	L5.	219.	.2	7.6	78.4	22.
88-05-19	0931	—	—	—	—	—	—
88-05-19	0932	L5.	219.	.2	7.7	79.6	22.
88-05-19	0933	—	—	—	—	—	—
88-09-19	1500	L5.	220.	.1	8.1	79.8	22.
88-09-19	1501	L5.	222.	.1	8.1	78.2	22.
88-09-19	1502	—	—	—	—	—	—
88-09-19	1503	—	—	—	—	—	—
MAX		L5.	236.	.3	8.2	81.9	28.
MIN		L5.	219.	.1	7.6	74.9	22.

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	89350L BROMIDE (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)
87-05-21	0900	—	—	—	—	—	—
87-05-21	0901	—	—	—	—	—	—
87-05-21	0902	7.0	7.6	.88	**TC**	13.2	7.4
87-05-21	0903	7.0	7.1	.88	**TC**	13.6	7.7
87-09-16	1430	—	—	—	—	—	—
87-09-16	1431	6.9	7.0	.94	**TC**	13.7	7.3
87-09-16	1432	6.9	7.0	.95	**TC**	13.7	7.0
87-09-16	1435	—	—	—	—	—	—
88-05-19	0930	8.9	8.2	1.1	—	12.4	6.03
88-05-19	0931	—	—	—	—	—	—
88-05-19	0932	9.0	8.2	1.1	—	12.4	5.88
88-05-19	0933	—	—	—	—	—	—
88-09-19	1500	8.9	8.1	1.2	—	11.7	6.0
88-09-19	1501	8.8	8.1	1.2	—	11.7	6.0
88-09-19	1502	—	—	—	—	—	—
88-09-19	1503	—	—	—	—	—	—
MAX		9.0	8.2	1.2	—	13.7	7.7
MIN		6.9	7.0	.88	—	11.7	5.88

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0060 NORTH RUSTICO - COMPOSITE

DATE	TIME	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09105L FLUORIDE (MG/L)
87-05-21	0900	—	—	—	—	—	—
87-05-21	0901	—	—	—	—	—	—
87-05-21	0902	7.1	2.3	L.5	6.33	L1.	.05
87-05-21	0903	7.8	2.7	L.5	6.29	L1.	.05
87-09-16	1430	—	—	—	—	—	—
87-09-16	1431	6.9	2.4	L.5	6.5	L1.	.05
87-09-16	1432	6.4	2.4	1.0	6.5	L1.	.05
87-09-16	1435	—	—	—	—	—	—
88-05-19	0930	5.6	1.7	L.5	9.0	L1.	.05
88-05-19	0931	—	—	—	—	—	—
88-05-19	0932	5.5	1.5	L.5	7.9	L1.	.05
88-05-19	0933	—	—	—	—	—	—
88-09-19	1500	5.5	2.5	L.5	7.7	L1.	.05
88-09-19	1501	5.2	2.3	L.5	8.0	L1.	.05
88-09-19	1502	—	—	—	—	—	—
88-09-19	1503	—	—	—	—	—	—
MAX		7.8	2.7	1.0	9.0	L1.	.05
MIN		5.2	1.5	L.5	6.29	L1.	.05

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
87-05-21	0900	—	—	—	—	—	—
87-05-21	0901	—	—	—	—	—	—
87-05-21	0902	L.010	.0002	L.01	L.002	L.002	.011
87-05-21	0903	L.010	.0002	L.01	L.002	L.002	.012
87-09-16	1430	—	—	—	—	—	—
87-09-16	1431	L.010	—	L.01	L.002	L.002	.007
87-09-16	1432	L.010	—	L.01	.004	L.002	.007
87-09-16	1435	—	—	—	—	—	—
88-05-19	0930	L.010	.00037	L.01	.002	L.002	.016
88-05-19	0931	—	—	—	—	—	—
88-05-19	0932	L.010	.00044	L.01	L.002	L.002	.014
88-05-19	0933	—	—	—	—	—	—
88-09-19	1500	L.010	.0005	L.01	L.002	L.002	.012
88-09-19	1501	L.010	.0006	L.01	L.002	L.002	.015
88-09-19	1502	—	—	—	—	—	—
88-09-19	1503	—	—	—	—	—	—
MAX		L.010	.0006	L.01	.004	L.002	.016
MIN		L.010	.0002	L.01	L.002	L.002	.007

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0060 NORTH RUSTICO - COMPOSITE

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	18000L p,p-DDT (UG/L)
87-05-21	0900	—	—	—	—	—	L.001
87-05-21	0901	—	—	—	—	—	L.001
87-05-21	0902	L.01	L.0005	L.001	L.02	L.002	—
87-05-21	0903	L.01	.0005	L.001	L.02	L.002	—
87-09-16	1430	—	—	—	—	—	L.001
87-09-16	1431	L.01	.0006	L.001	L.02	L.002	—
87-09-16	1432	L.01	L.0005	L.001	L.02	L.002	—
87-09-16	1435	—	—	—	—	—	L.001
88-05-19	0930	L.01	.0010	L.001	L.02	L.002	—
88-05-19	0931	—	—	—	—	—	L.001
88-05-19	0932	L.01	.0010	L.001	L.02	L.002	—
88-05-19	0933	—	—	—	—	—	L.001
88-09-19	1500	L.01	.0013	L.001	L.02	L.002	—
88-09-19	1501	L.01	.0010	L.001	L.02	L.002	—
88-09-19	1502	—	—	—	—	—	L.001
88-09-19	1503	—	—	—	—	—	L.001
MAX		L.01	.0013	L.001	L.02	L.002	L.001
MIN		L.01	L.0005	L.001	L.02	L.002	L.001

DATE	TIME	18005L o,p-DDT (UG/L)	18010L p,p-DDD (UG/L)	18020L p,p-DDE (UG/L)	18030L p,p-MET (UG/L)	18040L HEPTACHL (UG/L)	18045L HEPT EPX (UG/L)
87-05-21	0900	L.001	L.001	L.001	L.01	L.001	L.001
87-05-21	0901	L.001	L.001	L.001	L.01	L.001	L.001
87-05-21	0902	—	—	—	—	—	—
87-05-21	0903	—	—	—	—	—	—
87-09-16	1430	L.001	L.001	L.001	L.01	L.001	L.001
87-09-16	1431	—	—	—	—	—	—
87-09-16	1432	—	—	—	—	—	—
87-09-16	1435	L.001	L.001	L.001	L.01	L.001	L.001
88-05-19	0930	—	—	—	—	—	—
88-05-19	0931	L.001	L.001	L.001	L.01	L.001	L.001
88-05-19	0932	—	—	—	—	—	—
88-05-19	0933	L.001	L.001	L.001	L.01	L.001	L.001
88-09-19	1500	—	—	—	—	—	—
88-09-19	1501	—	—	—	—	—	—
88-09-19	1502	L.001	L.001	L.001	L.01	L.001	L.001
88-09-19	1503	L.001	L.001	L.001	L.01	L.001	L.001
MAX		L.001	L.001	L.001	L.01	L.001	L.001
MIN		L.001	L.001	L.001	L.01	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0060 NORTH RUSTICO - COMPOSITE

DATE	TIME	18050L A-ENDO (UG/L)	18055L B-ENDO (UG/L)	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)	18075L A-BHC (UG/L)
87-05-21	0900	L.01	L.01	L.005	L.005	L.001	L.001
87-05-21	0901	L.01	L.01	L.005	L.005	L.001	L.001
87-05-21	0902	—	—	—	—	—	—
87-05-21	0903	—	—	—	—	—	—
87-09-16	1430	L.01	L.01	L.005	L.005	L.001	L.001
87-09-16	1431	—	—	—	—	—	—
87-09-16	1432	—	—	—	—	—	—
87-09-16	1435	L.01	L.01	L.005	L.005	L.001	L.001
88-05-19	0930	—	—	—	—	—	—
88-05-19	0931	L.01	L.01	L.005	L.005	L.001	L.001
88-05-19	0932	—	—	—	—	—	—
88-05-19	0933	L.01	L.01	L.005	L.005	L.001	L.001
88-09-19	1500	—	—	—	—	—	—
88-09-19	1501	—	—	—	—	—	—
88-09-19	1502	L.01	L.01	L.005	L.005	L.001	L.001
88-09-19	1503	L.01	L.01	L.005	L.005	L.001	L.001
MAX		L.01	L.01	L.005	L.005	L.001	L.001
MIN		L.01	L.01	L.005	L.005	L.001	L.001

DATE	TIME	18125L MIREX (UG/L)	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)
87-05-21	0900	L.001	L.001	L.01	L.001	L.005	L.02
87-05-21	0901	L.001	L.001	L.01	L.001	L.005	L.02
87-05-21	0902	—	—	—	—	—	—
87-05-21	0903	—	—	—	—	—	—
87-09-16	1430	L.001	L.001	L.01	L.001	L.005	L.02
87-09-16	1431	—	—	—	—	—	—
87-09-16	1432	—	—	—	—	—	—
87-09-16	1435	L.001	L.001	L.01	L.001	L.005	L.02
88-05-19	0930	—	—	—	—	—	—
88-05-19	0931	L.001	L.001	L.01	L.001	L.005	L.02
88-05-19	0932	—	—	—	—	—	—
88-05-19	0933	L.001	L.001	L.01	L.001	L.005	L.02
88-09-19	1500	—	—	—	—	—	—
88-09-19	1501	—	—	—	—	—	—
88-09-19	1502	L.001	L.001	L.01	L.001	L.005	L.02
88-09-19	1503	L.001	L.001	L.01	L.001	L.005	L.02
MAX		L.001	L.001	L.01	L.001	L.005	L.02
MIN		L.001	L.001	L.01	L.001	L.005	L.02

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0060 NORTH RUSTICO - COMPOSITE

DATE	TIME	17821L 1,4DCB (UG/L)	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)
87-05-21	0900	L.02	L.02	L.004	L.004	L.004	L.002
87-05-21	0901	L.02	L.02	L.004	L.004	L.004	L.002
87-05-21	0902	——	——	——	——	——	——
87-05-21	0903	——	——	——	——	——	——
87-09-16	1430	**CD**	L.02	L.004	L.004	L.004	L.002
87-09-16	1431	——	——	——	——	——	——
87-09-16	1432	——	——	——	——	——	——
87-09-16	1435	**CD**	L.02	L.004	L.004	L.004	L.002
88-05-19	0930	——	——	——	——	——	——
88-05-19	0931	**CD**	L.02	L.004	L.004	L.004	L.002
88-05-19	0932	——	——	——	——	——	——
88-05-19	0933	**CD**	L.02	L.004	L.004	L.004	L.002
88-09-19	1500	——	——	——	——	——	——
88-09-19	1501	——	——	——	——	——	——
88-09-19	1502	**CD**	L.02	L.004	L.004	L.004	L.002
88-09-19	1503	**CD**	L.02	L.004	L.004	L.004	L.002
MAX		L.02	L.02	L.004	L.004	L.004	L.002
MIN		L.02	L.02	L.004	L.004	L.004	L.002

DATE	TIME	17841L 1245 TECB (UG/L)	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L Fl (UG/L)	18901L B(b)Fl (UG/L)
87-05-21	0900	L.002	L.002	L.002	L.002	.003	L.001
87-05-21	0901	L.002	L.002	L.002	L.002	.004	L.001
87-05-21	0902	——	——	——	——	——	——
87-05-21	0903	——	——	——	——	——	——
87-09-16	1430	L.002	L.002	L.002	L.002	.003	L.001
87-09-16	1431	——	——	——	——	——	——
87-09-16	1432	——	——	——	——	——	——
87-09-16	1435	L.002	L.002	L.002	L.002	.002	L.001
88-05-19	0930	——	——	——	——	——	——
88-05-19	0931	L.002	L.002	L.002	L.002	.006	L.001
88-05-19	0932	——	——	——	——	——	——
88-05-19	0933	L.002	L.002	L.002	L.002	L.004	L.001
88-09-19	1500	——	——	——	——	——	——
88-09-19	1501	——	——	——	——	——	——
88-09-19	1502	L.002	L.002	L.002	L.002	.004	L.0008
88-09-19	1503	L.002	L.002	L.002	L.002	.002	L.0008
MAX		L.002	L.002	L.002	L.002	.006	L.0008
MIN		L.002	L.002	L.002	L.002	L.004	L.0008

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPE01CC0060 NORTH RUSTICO - COMPOSITE

DATE	TIME	18903L B(k)Fl (UG/L)	18900L B(a)P (UG/L)	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)	18190L EUTHION (UG/L)
87-05-21	0900	L.001	L.001	L.005	L.005	L.002	L.003
87-05-21	0901	L.001	L.001	L.005	L.005	L.002	L.003
87-05-21	0902	——	——	——	——	——	——
87-05-21	0903	——	——	——	——	——	——
87-09-16	1430	L.001	L.001	L.005	L.005	L.004	L.003
87-09-16	1431	——	——	——	——	——	——
87-09-16	1432	——	——	——	——	——	——
87-09-16	1435	L.001	L.001	L.005	L.005	L.004	L.003
88-05-19	0930	——	——	——	——	——	——
88-05-19	0931	L.001	L.001	L.006	L.006	L.005	L.005
88-05-19	0932	——	——	——	——	——	——
88-05-19	0933	L.001	L.001	L.006	L.006	L.005	L.005
88-09-19	1500	——	——	——	——	——	——
88-09-19	1501	——	——	——	——	——	——
88-09-19	1502	L.0002	L.0008	L.006	L.006	L.002	L.004
88-09-19	1503	L.0002	L.0008	L.006	L.006	L.002	L.004
MAX		L.0002	L.0008	L.006	L.006	L.002	L.004
MIN		L.0002	L.0008	L.006	L.006	L.002	L.004

DATE	TIME	18320L TRITHON (UG/L)	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)
87-05-21	0900	L.002	L.002	L.002	L.002	L.002	L.002
87-05-21	0901	L.002	L.002	L.002	L.002	L.002	L.002
87-05-21	0902	——	——	——	——	——	——
87-05-21	0903	——	——	——	——	——	——
87-09-16	1430	L.001	L.002	L.001	L.001	L.001	L.001
87-09-16	1431	——	——	——	——	——	——
87-09-16	1432	——	——	——	——	——	——
87-09-16	1435	L.001	L.002	L.001	L.001	L.001	L.001
88-05-19	0930	——	——	——	——	——	——
88-05-19	0931	L.006	L.002	L.001	L.001	L.001	L.001
88-05-19	0932	——	——	——	——	——	——
88-05-19	0933	L.006	L.002	L.001	L.001	L.001	L.001
88-09-19	1500	——	——	——	——	——	——
88-09-19	1501	——	——	——	——	——	——
88-09-19	1502	L.0008	L.009	L.0006	L.0005	L.0003	L.0007
88-09-19	1503	L.0008	L.009	L.0006	L.0005	L.0003	L.0007
MAX		L.0008	L.009	L.0006	L.0005	L.0003	L.0007
MIN		L.0008	L.009	L.0006	L.0005	L.0003	L.0007

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CC0060 NORTH RUSTICO - COMPOSITE

DATE	TIME	18205L IMIDAN (UG/L)	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18325L M-TRITH (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)
87-05-21	0900	L.003	L.003	L.002	**TC**	L.002	L.002
87-05-21	0901	L.003	L.003	L.002	**TC**	L.002	L.002
87-05-21	0902	——	——	——	——	——	——
87-05-21	0903	——	——	——	——	——	——
87-09-16	1430	L.002	L.001	L.001	**TC**	L.001	L.001
87-09-16	1431	——	——	——	——	——	——
87-09-16	1432	——	——	——	——	——	——
87-09-16	1435	L.002	L.001	L.001	**TC**	L.001	L.001
88-05-19	0930	——	——	——	——	——	——
88-05-19	0931	L.003	L.001	L.001	——	L.001	L.001
88-05-19	0932	——	——	——	——	——	——
88-05-19	0933	L.003	L.001	L.001	——	L.001	L.001
88-09-19	1500	——	——	——	——	——	——
88-09-19	1501	——	——	——	——	——	——
88-09-19	1502	L.002	L.0008	L.0007	——	L.0006	L.0006
88-09-19	1503	L.002	L.0008	L.0007	——	L.0006	L.0006
MAX		L.002	L.0008	L.0007	——	L.0006	L.0006
MIN		L.002	L.0008	L.0007	——	L.0006	L.0006

DATE	TIME	18260L RONNEL (UG/L)	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)
87-05-21	0900	L.002	L.03	L.02	L.02	L.04	L.03
87-05-21	0901	L.002	L.03	L.02	L.02	L.04	L.03
87-05-21	0902	——	——	——	——	——	——
87-05-21	0903	——	——	——	——	——	——
87-09-16	1430	L.001	L.03	L.02	L.02	L.04	L.03
87-09-16	1431	——	——	——	——	——	——
87-09-16	1432	——	——	——	——	——	——
87-09-16	1435	L.001	L.03	L.02	L.02	L.04	L.03
88-05-19	0930	——	——	——	——	——	——
88-05-19	0931	L.001	L.03	L.02	L.02	L.04	L.03
88-05-19	0932	——	——	——	——	——	——
88-05-19	0933	L.001	L.03	L.02	L.02	L.04	L.03
88-09-19	1500	——	——	——	——	——	——
88-09-19	1501	——	——	——	——	——	——
88-09-19	1502	L.0006	L.03	L.02	L.02	L.04	L.03
88-09-19	1503	L.0006	L.03	L.02	L.02	L.04	L.03
MAX		L.0006	L.03	L.02	L.02	L.04	L.03
MIN		L.0006	L.03	L.02	L.02	L.04	L.03

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CC0060 NORTH RUSTICO - COMPOSITE

DATE	TIME	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)
87-05-21	0900	L.04	L.03	L.01	L.01	L.02	L.02
87-05-21	0901	L.04	L.03	L.01	L.01	L.02	L.02
87-05-21	0902	——	——	——	——	——	——
87-05-21	0903	——	——	——	——	——	——
87-09-16	1430	L.04	L.03	L.01	L.01	L.02	L.02
87-09-16	1431	——	——	——	——	——	——
87-09-16	1432	——	——	——	——	——	——
87-09-16	1435	L.04	L.03	L.01	L.01	L.02	L.02
88-05-19	0930	——	——	——	——	——	——
88-05-19	0931	L.04	L.03	L.01	L.01	L.02	L.02
88-05-19	0932	——	——	——	——	——	——
88-05-19	0933	L.04	L.03	L.01	L.01	L.02	L.02
88-09-19	1500	——	——	——	——	——	——
88-09-19	1501	——	——	——	——	——	——
88-09-19	1502	L.04	L.03	L.01	L.01	L.02	L.02
88-09-19	1503	L.04	L.03	L.01	L.01	L.02	L.02
MAX		L.04	L.03	L.01	L.01	L.02	L.02
MIN		L.04	L.03	L.01	L.01	L.02	L.02

DATE	TIME	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	89290L ALDICARB (UG/L)	89291L ALD OXID (UG/L)	89292L ALD FONE (UG/L)
87-05-21	0900	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-05-21	0901	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-05-21	0902	——	——	——	——	——	——
87-05-21	0903	——	——	——	——	——	——
87-09-16	1430	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-09-16	1431	——	——	——	——	——	——
87-09-16	1432	——	——	——	——	——	——
87-09-16	1435	L.005	L.005	L.005	**TC**	**TC**	**TC**
88-05-19	0930	——	——	——	——	——	——
88-05-19	0931	L.005	L.005	L.005	L.1	L.1	L.1
88-05-19	0932	——	——	——	——	——	——
88-05-19	0933	L.005	L.005	L.005	L.1	L.1	L.1
88-09-19	1500	——	——	——	——	——	——
88-09-19	1501	——	——	——	——	——	——
88-09-19	1502	L.005	L.005	.005	L.05	L.05	L.05
88-09-19	1503	L.005	L.005	.002	L.05	L.05	L.05
MAX		L.005	L.005	.005	L.05	L.05	L.05
MIN		L.005	L.005	L.005	L.05	L.05	L.05

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0060 NORTH RUSTICO - COMPOSITE

DATE	TIME	89307L CARBARYL (UG/L)	89269L CARBOFUR (UG/L)
87-05-21	0900	**TC**	**TC**
87-05-21	0901	**TC**	**TC**
87-05-21	0902	——	——
87-05-21	0903	——	——
87-09-16	1430	**TC**	**TC**
87-09-16	1431	——	——
87-09-16	1432	——	——
87-09-16	1435	**TC**	**TC**
88-05-19	0930	——	——
88-05-19	0931	L.1	L.1
88-05-19	0932	——	——
88-05-19	0933	L.1	L.1
88-09-19	1500	——	——
88-09-19	1501	——	——
88-09-19	1502	L.05	L.05
88-09-19	1503	L.05	L.05
MAX		L.05	L.05
MIN		L.05	L.05

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0055 PARKDALE - ELLIS ROAD WELL

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
86-05-20	1531	L5.	615.	.1	8.1	157.6	56.
86-05-20	1540	—	—	—	—	—	—
86-05-20	1541	—	—	—	—	—	—
86-05-21	1530	L5.	615.	.1	8.1	159.3	57.
86-09-09	1530	L5.	574.	.2	7.8	149.2	53.
86-09-09	1531	L5.	575.	.2	7.8	149.6	51.
86-09-09	1532	—	—	—	—	—	—
86-09-09	1533	—	—	—	—	—	—
MAX		L5.	615.	.2	8.1	159.3	57.
MIN		L5.	574.	.1	7.8	149.2	51.

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17205L Cl (MG/L)	16304L SO4 (MG/L)	07110L NO3 NO2 (MG/L)
86-05-20	1531	30.	19.0	1.73	82.	21.24	3.50
86-05-20	1540	—	—	—	—	—	—
86-05-20	1541	—	—	—	—	—	—
86-05-21	1530	30.	18.6	1.72	85.	19.52	3.60
86-09-09	1530	28.	14.9	1.4	—	16.8	2.6
86-09-09	1531	25.	15.7	1.5	—	16.5	2.9
86-09-09	1532	—	—	—	—	—	—
86-09-09	1533	—	—	—	—	—	—
MAX		30.	19.0	1.73	85.	21.24	3.60
MIN		25.	14.9	1.4	82.	16.5	2.6

DATE	TIME	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)
86-05-20	1531	1.0	8.32	**TC**	L.05	L.010	.0005
86-05-20	1540	—	—	—	—	—	—
86-05-20	1541	—	—	—	—	—	—
86-05-21	1530	1.0	8.20	**TC**	L.05	L.010	.0004
86-09-09	1530	L.5	8.28	L1.	L.05	L.010	.0004
86-09-09	1531	.8	8.28	L1.	L.05	L.010	.0004
86-09-09	1532	—	—	—	—	—	—
86-09-09	1533	—	—	—	—	—	—
MAX		1.0	8.32	L1.	L.05	L.010	.0005
MIN		L.5	8.20	L1.	L.05	L.010	.0004

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0055 PARKDALE - ELLIS ROAD WELL

DATE	TIME	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)
86-05-20	1531	L.01	L.002	L.002	.002	L.01	.0009
86-05-20	1540	——	——	——	——	——	——
86-05-20	1541	——	——	——	——	——	——
86-05-21	1530	L.01	L.002	L.002	.002	L.01	L.0005
86-09-09	1530	L.01	.005	L.002	.003	L.01	.0005
86-09-09	1531	L.01	.005	L.002	.003	L.01	.0005
86-09-09	1532	——	——	——	——	——	——
86-09-09	1533	——	——	——	——	——	——
MAX		L.01	.005	L.002	.003	L.01	.0009
MIN		L.01	L.002	L.002	.002	L.01	L.0005

DATE	TIME	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	89350L BROMIDE (MG/L)	1B000L p,p-DDT (UG/L)	1B005L o,p-DDT (UG/L)
86-05-20	1531	L.001	L.02	L.002	L.1	——	——
86-05-20	1540	——	——	——	——	L.001	L.001
86-05-20	1541	——	——	——	——	L.001	L.001
86-05-21	1530	L.001	L.02	L.002	L.1	——	——
86-09-09	1530	L.001	L.02	L.002	**TC**	——	——
86-09-09	1531	L.001	L.02	L.002	**TC**	——	——
86-09-09	1532	——	——	——	——	L.001	L.001
86-09-09	1533	——	——	——	——	L.001	L.001
MAX		L.001	L.02	L.002	L.1	L.001	L.001
MIN		L.001	L.02	L.002	L.1	L.001	L.001

DATE	TIME	1B010L p,p-DDD (UG/L)	1B020L p,p-DDE (UG/L)	1B030L p,p-MET (UG/L)	1B040L HEPTACHL (UG/L)	1B045L HEPT EPX (UG/L)	1B050L A-ENDO (UG/L)
86-05-20	1531	——	——	——	——	——	——
86-05-20	1540	L.001	L.001	L.01	L.001	L.001	L.01
86-05-20	1541	L.001	L.001	L.01	L.001	L.001	L.01
86-05-21	1530	——	——	——	——	——	——
86-09-09	1530	——	——	——	——	——	——
86-09-09	1531	——	——	——	——	——	——
86-09-09	1532	L.001	L.001	L.01	L.001	L.001	L.01
86-09-09	1533	L.001	L.001	L.01	L.001	L.001	L.01
MAX		L.001	L.001	L.01	L.001	L.001	L.01
MIN		L.001	L.001	L.01	L.001	L.001	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0035 PARKDALE - ELLIS ROAD WELL

DATE	TIME	18055L B-ENDO (UG/L)	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)	18075L A-BHC (UG/L)	18125L MIREX (UG/L)
86-05-20	1531	——	——	——	——	——	——
86-05-20	1540	L.01	L.005	L.005	L.001	L.001	L.001
86-05-20	1541	L.01	L.005	L.005	L.001	L.001	L.001
86-05-21	1530	——	——	——	——	——	——
86-09-09	1530	——	——	——	——	——	——
86-09-09	1531	——	——	——	——	——	——
86-09-09	1532	L.01	L.005	L.005	L.001	L.001	L.001
86-09-09	1533	L.01	L.005	L.005	L.001	L.001	L.001
MAX		L.01	L.005	L.005	L.001	L.001	L.001
MIN		L.01	L.005	L.005	L.001	L.001	L.001

DATE	TIME	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)	17821L 1,4DCB (UG/L)
86-05-20	1531	——	——	——	——	——	——
86-05-20	1540	L.001	L.01	L.001	L.005	L.02	**CD**
86-05-20	1541	L.001	L.01	L.001	L.005	L.02	**CD**
86-05-21	1530	——	——	——	——	——	——
86-09-09	1530	——	——	——	——	——	——
86-09-09	1531	——	——	——	——	——	——
86-09-09	1532	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-09	1533	L.001	L.01	L.001	L.005	L.02	**CD**
MAX		L.001	L.01	L.001	L.005	L.02	——
MIN		L.001	L.01	L.001	L.005	L.02	——

DATE	TIME	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)	17841L 1245 TECB (UG/L)
86-05-20	1531	——	——	——	——	——	——
86-05-20	1540	L.02	L.004	L.004	L.004	L.002	L.002
86-05-20	1541	L.02	L.004	L.004	L.004	L.002	L.002
86-05-21	1530	——	——	——	——	——	——
86-09-09	1530	——	——	——	——	——	——
86-09-09	1531	——	——	——	——	——	——
86-09-09	1532	**IN**	L.004	L.004	L.004	L.002	L.002
86-09-09	1533	**IN**	L.004	L.004	L.004	L.002	L.002
MAX		L.02	L.004	L.004	L.004	L.002	L.002
MIN		L.02	L.004	L.004	L.004	L.002	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0055 PARKDALE - ELLIS ROAD WELL

DATE	TIME	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L F1 (UG/L)	18901L B(b)F1 (UG/L)	18903L B(k)F1 (UG/L)
86-05-20	1531	——	——	——	——	——	——
86-05-20	1540	L.002	L.002	L.002	.002	L.001	L.001
86-05-20	1541	L.002	L.002	L.002	.001	L.001	L.001
86-05-21	1530	——	——	——	——	——	——
86-09-09	1530	——	——	——	——	——	——
86-09-09	1531	——	——	——	——	——	——
86-09-09	1532	L.002	L.002	L.002	L.001	L.001	L.001
86-09-09	1533	L.002	L.002	L.002	L.001	L.001	L.001
MAX		L.002	L.002	L.002	.002	L.001	L.001
MIN		L.002	L.002	L.002	L.001	L.001	L.001

DATE	TIME	18900L B(a)P (UG/L)	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)	18190L GUTHION (UG/L)	18320L TRITHON (UG/L)
86-05-20	1531	——	——	——	——	——	——
86-05-20	1540	L.001	L.005	L.005	L.003	L.002	L.001
86-05-20	1541	L.001	L.005	L.005	L.003	L.002	L.001
86-05-21	1530	——	——	——	——	——	——
86-09-09	1530	——	——	——	——	——	——
86-09-09	1531	——	——	——	——	——	——
86-09-09	1532	L.001	L.005	L.005	L.002	L.002	**IN**
86-09-09	1533	L.001	L.005	L.005	L.002	L.002	**IN**
MAX		L.001	L.005	L.005	L.002	L.002	L.001
MIN		L.001	L.005	L.005	L.002	L.002	L.001

DATE	TIME	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)	18205L IMIDAN (UG/L)
86-05-20	1531	——	——	——	——	——	——
86-05-20	1540	L.006	L.001	L.001	L.001	L.001	L.004
86-05-20	1541	L.006	L.001	L.001	L.001	L.001	L.004
86-05-21	1530	——	——	——	——	——	——
86-09-09	1530	——	——	——	——	——	——
86-09-09	1531	——	——	——	——	——	——
86-09-09	1532	L.005	L.001	L.001	L.001	L.001	L.004
86-09-09	1533	L.005	L.001	L.001	L.001	L.001	L.004
MAX		L.005	L.001	L.001	L.001	L.001	L.004
MIN		L.005	L.001	L.001	L.001	L.001	L.004

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0055 PARKDALE - ELLIS ROAD WELL

DATE	TIME	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18325L M-TRITH (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)	18260L RONNEL (UG/L)
86-05-20	1531	——	——	——	——	——	——
86-05-20	1540	L.001	L.001	**TC**	L.001	L.001	L.001
86-05-20	1541	L.001	L.001	**TC**	L.001	L.001	L.001
86-05-21	1530	——	——	——	——	——	——
86-09-09	1530	——	——	——	——	——	——
86-09-09	1531	——	——	——	——	——	——
86-09-09	1532	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-09	1533	L.001	L.001	**TC**	L.001	L.001	L.001
MAX		L.001	L.001	——	L.001	L.001	L.001
MIN		L.001	L.001	——	L.001	L.001	L.001

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
86-05-20	1531	——	——	——	——	——	——
86-05-20	1540	L.03	L.02	L.02	L.04	L.03	L.04
86-05-20	1541	L.03	L.02	L.02	L.04	L.03	L.04
86-05-21	1530	——	——	——	——	——	——
86-09-09	1530	——	——	——	——	——	——
86-09-09	1531	——	——	——	——	——	——
86-09-09	1532	L.03	L.02	L.02	L.04	L.03	L.04
86-09-09	1533	L.03	L.02	L.02	L.04	L.03	L.04
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
86-05-20	1531	——	——	——	——	——	——
86-05-20	1540	L.03	L.01	L.01	L.02	L.02	L.01
86-05-20	1541	L.03	L.01	L.01	L.02	L.02	L.01
86-05-21	1530	——	——	——	——	——	——
86-09-09	1530	——	——	——	——	——	——
86-09-09	1531	——	——	——	——	——	——
86-09-09	1532	L.03	L.01	L.01	L.02	L.02	L.01
86-09-09	1533	L.03	L.01	L.01	L.02	L.02	L.01
MAX		L.03	L.01	L.01	L.02	L.02	L.01
MIN		L.03	L.01	L.01	L.02	L.02	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0055 PARKDALE - ELLIS ROAD WELL

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	89292L ALD FOME (UG/L)	89291L ALD OXID (UG/L)	89290L ALDICARB (UG/L)	89307L CARBARYL (UG/L)
86-05-20	1531	—	—	—	—	—	—
86-05-20	1540	L.01	L.01	L.01	L.01	L.01	L.01
86-05-20	1541	L.01	L.01	L.01	L.01	L.01	L.01
86-05-21	1530	—	—	—	—	—	—
86-09-09	1530	—	—	—	—	—	—
86-09-09	1531	—	—	—	—	—	—
86-09-09	1532	L.01	L.01	L.01	L.01	L.01	L.01
86-09-09	1533	L.01	L.01	L.01	L.01	L.01	L.01
MAX		L.01	L.01	L.01	L.01	L.01	L.01
MIN		L.01	L.01	L.01	L.01	L.01	L.01

DATE	TIME	89269L CARBOFUR (UG/L)	17209L Cl (MG/L)
86-05-20	1531	—	—
86-05-20	1540	—	—
86-05-20	1541	—	—
86-05-21	1530	—	—
86-09-09	1530	—	65.5
86-09-09	1531	—	65.5
86-09-09	1532	L.01	—
86-09-09	1533	L.01	—
MAX		L.01	65.5
MIN		L.01	65.5

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CC0057 PARKDALE WELL #3 PAGE 1

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
87-05-19	1430	—	—	—	—	—	—
87-05-19	1431	—	—	—	—	—	—
87-05-19	1432	L5.	580.	.1	8.1	146.1	52.
87-05-19	1433	L5.	582.	.1	8.1	146.	52.
87-09-15	1600	—	—	—	—	—	—
87-09-15	1601	L5.	508.	.09	7.9	134.9	44.9
87-09-15	1605	—	—	—	—	—	—
87-09-15	1606	L5.	509.	.1	7.9	134.7	45.2
MAX		L5.	582.	.1	8.1	146.1	52.
MIN		L5.	508.	.09	7.9	134.7	44.9

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	89350L BROMIDE (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)
87-05-19	1430	—	—	—	—	—	—
87-05-19	1431	—	—	—	—	—	—
87-05-19	1432	27.	20.0	1.40	**TC**	80.0	17.7
87-05-19	1433	27.	20.	1.40	**TC**	80.0	17.5
87-09-15	1600	—	—	—	—	—	—
87-09-15	1601	23.4	17.4	1.6	**TC**	63.	14.6
87-09-15	1605	—	—	—	—	—	—
87-09-15	1606	23.8	17.3	1.6	**TC**	63.	14.4
MAX		27.	20.0	1.6	—	80.0	17.7
MIN		23.4	17.3	1.40	—	63.	14.4

DATE	TIME	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09105L FLUORIDE (MG/L)
87-05-19	1430	—	—	—	—	—	—
87-05-19	1431	—	—	—	—	—	—
87-05-19	1432	17.4	3.4	.7	8.20	L1.	.05
87-05-19	1433	17.4	3.4	.7	8.28	L1.	.05
87-09-15	1600	—	—	—	—	—	—
87-09-15	1601	14.6	2.8	L.5	8.5	L1.	.05
87-09-15	1605	—	—	—	—	—	—
87-09-15	1606	14.2	3.0	L.5	8.8	L1.	.05
MAX		17.4	3.4	.7	8.8	L1.	.05
MIN		14.2	2.8	L.5	8.20	L1.	.05

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1QPE01CC0057 PARKDALE WELL #3

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
87-05-19	1430	——	——	——	——	——	——
87-05-19	1431	——	——	——	——	——	——
87-05-19	1432	L.010	.0005	L.01	L.002	L.002	.013
87-05-19	1433	L.010	.0005	L.01	L.002	L.002	.014
87-09-15	1600	——	——	——	——	——	——
87-09-15	1601	L.010	——	L.01	L.002	L.002	.011
87-09-15	1605	——	——	——	——	——	——
87-09-15	1606	L.010	——	L.01	.007	L.002	.011
MAX		L.010	.0005	L.01	.007	L.002	.014
MIN		L.010	.0005	L.01	L.002	L.002	.011

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	18000L p,p-DDT (UG/L)
87-05-19	1430	——	——	——	——	——	L.001
87-05-19	1431	——	——	——	——	——	L.001
87-05-19	1432	L.01	.0007	L.001	L.02	L.002	——
87-05-19	1433	L.01	.0007	L.001	L.02	L.002	——
87-09-15	1600	——	——	——	——	——	L.001
87-09-15	1601	L.01	.0012	L.001	L.02	L.002	——
87-09-15	1605	——	——	——	——	——	L.001
87-09-15	1606	L.01	.0012	L.001	L.02	L.002	——
MAX		L.01	.0012	L.001	L.02	L.002	L.001
MIN		L.01	.0007	L.001	L.02	L.002	L.001

DATE	TIME	18005L o,p-DDT (UG/L)	18010L p,p-DDD (UG/L)	18020L p,p-DDE (UG/L)	18030L p,p-MET (UG/L)	18040L HEPTACHL (UG/L)	18045L HEPT EPX (UG/L)
87-05-19	1430	L.001	L.001	L.001	L.01	L.001	L.001
87-05-19	1431	L.001	L.001	L.001	L.01	L.001	L.001
87-05-19	1432	——	——	——	——	——	——
87-05-19	1433	——	——	——	——	——	——
87-09-15	1600	L.001	L.001	L.001	L.01	L.001	L.001
87-09-15	1601	——	——	——	——	——	——
87-09-15	1605	L.001	L.001	L.001	L.01	L.001	L.001
87-09-15	1606	——	——	——	——	——	——
MAX		L.001	L.001	L.001	L.01	L.001	L.001
MIN		L.001	L.001	L.001	L.01	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0057 PARKDALE WELL #3 PAGE 3

DATE	TIME	18050L A-ENDO (UG/L)	18055L B-ENDO (UG/L)	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)	18075L A-BHC (UG/L)
87-05-19	1430	L.01	L.01	L.005	L.005	L.001	L.001
87-05-19	1431	L.01	L.01	L.005	L.005	L.001	L.001
87-05-19	1432	——	——	——	——	——	——
87-05-19	1433	——	——	——	——	——	——
87-09-15	1600	L.01	L.01	L.005	L.005	L.001	L.001
87-09-15	1601	——	——	——	——	——	——
87-09-15	1605	L.01	L.01	L.005	L.005	L.001	L.001
87-09-15	1606	——	——	——	——	——	——
MAX		L.01	L.01	L.005	L.005	L.001	L.001
MIN		L.01	L.01	L.005	L.005	L.001	L.001

DATE	TIME	18125L MIREX (UG/L)	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)
87-05-19	1430	L.001	L.001	L.01	L.001	L.005	L.02
87-05-19	1431	L.001	L.001	L.01	L.001	L.005	L.02
87-05-19	1432	——	——	——	——	——	——
87-05-19	1433	——	——	——	——	——	——
87-09-15	1600	L.001	L.001	L.01	L.001	L.005	L.02
87-09-15	1601	——	——	——	——	——	——
87-09-15	1605	L.001	L.001	L.01	L.001	L.005	L.02
87-09-15	1606	——	——	——	——	——	——
MAX		L.001	L.001	L.01	L.001	L.005	L.02
MIN		L.001	L.001	L.01	L.001	L.005	L.02

DATE	TIME	17821L 1,4DCB (UG/L)	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)
87-05-19	1430	L.02	L.02	L.004	L.004	L.004	L.002
87-05-19	1431	L.02	L.02	L.004	L.004	L.004	L.002
87-05-19	1432	——	——	——	——	——	——
87-05-19	1433	——	——	——	——	——	——
87-09-15	1600	**CD**	L.02	L.004	L.004	L.004	L.002
87-09-15	1601	——	——	——	——	——	——
87-09-15	1605	**CD**	L.02	L.004	L.004	L.004	L.002
87-09-15	1606	——	——	——	——	——	——
MAX		L.02	L.02	L.004	L.004	L.004	L.002
MIN		L.02	L.02	L.004	L.004	L.004	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0057 PARKDALE WELL #3 PAGE 4

DATE	TIME	17841L 1245 TECB (UG/L)	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L Fl (UG/L)	18901L B(b)Fl (UG/L)
87-05-19	1430	L.002	L.002	L.002	L.002	.003	L.001
87-05-19	1431	L.002	L.002	L.002	L.002	.002	L.001
87-05-19	1432	—	—	—	—	—	—
87-05-19	1433	—	—	—	—	—	—
87-09-15	1600	L.002	L.002	L.002	L.002	.001	L.001
87-09-15	1601	—	—	—	—	—	—
87-09-15	1605	L.002	L.002	L.002	L.002	.003	L.001
87-09-15	1606	—	—	—	—	—	—
MAX		L.002	L.002	L.002	L.002	.003	L.001
MIN		L.002	L.002	L.002	L.002	.001	L.001

DATE	TIME	18903L B(k)Fl (UG/L)	18900L B(a)P (UG/L)	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)	18190L GUTHION (UG/L)
87-05-19	1430	L.001	L.001	L.005	L.005	L.002	L.003
87-05-19	1431	L.001	L.001	L.005	L.005	L.002	L.003
87-05-19	1432	—	—	—	—	—	—
87-05-19	1433	—	—	—	—	—	—
87-09-15	1600	L.001	L.001	L.005	L.005	L.004	L.003
87-09-15	1601	—	—	—	—	—	—
87-09-15	1605	L.001	L.001	L.005	L.005	L.004	L.003
87-09-15	1606	—	—	—	—	—	—
MAX		L.001	L.001	L.005	L.005	L.004	L.003
MIN		L.001	L.001	L.005	L.005	L.004	L.003

DATE	TIME	18320L TRITHON (UG/L)	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)
87-05-19	1430	.014	L.002	L.002	L.002	L.002	L.002
87-05-19	1431	L.002	L.002	L.002	L.002	L.002	L.002
87-05-19	1432	—	—	—	—	—	—
87-05-19	1433	—	—	—	—	—	—
87-09-15	1600	L.001	L.002	L.001	L.001	L.001	L.001
87-09-15	1601	—	—	—	—	—	—
87-09-15	1605	.004	L.002	L.001	L.001	L.001	L.001
87-09-15	1606	—	—	—	—	—	—
MAX		.014	L.002	L.001	L.001	L.001	L.001
MIN		L.001	L.002	L.001	L.001	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CC0057 PARKDALE WELL #3 PAGE 5

DATE	TIME	18205L IMIDAN (UG/L)	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18325L M-TRITH (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)
87-05-19	1430	.006	L.003	L.002	**TC**	L.002	L.002
87-05-19	1431	.003	L.003	L.002	**TC**	L.002	L.002
87-05-19	1432	——	——	——	——	——	——
87-05-19	1433	——	——	——	——	——	——
87-09-15	1600	L.002	L.001	L.001	**TC**	L.001	L.001
87-09-15	1601	——	——	——	——	——	——
87-09-15	1605	L.002	L.001	L.001	**TC**	L.001	L.001
87-09-15	1606	——	——	——	——	——	——
MAX		.006	L.001	L.001	——	L.001	L.001
MIN		L.002	L.001	L.001	——	L.001	L.001

DATE	TIME	18260L RONNEL (UG/L)	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)
87-05-19	1430	L.002	L.03	L.02	L.02	L.04	L.03
87-05-19	1431	L.002	L.03	L.02	L.02	L.04	L.03
87-05-19	1432	——	——	——	——	——	——
87-05-19	1433	——	——	——	——	——	——
87-09-15	1600	L.001	L.03	L.02	L.02	L.04	L.03
87-09-15	1601	——	——	——	——	——	——
87-09-15	1605	L.001	L.03	L.02	L.02	L.04	L.03
87-09-15	1606	——	——	——	——	——	——
MAX		L.001	L.03	L.02	L.02	L.04	L.03
MIN		L.001	L.03	L.02	L.02	L.04	L.03

DATE	TIME	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)
87-05-19	1430	L.04	L.03	L.01	L.01	L.02	L.02
87-05-19	1431	L.04	L.03	L.01	L.01	L.02	L.02
87-05-19	1432	——	——	——	——	——	——
87-05-19	1433	——	——	——	——	——	——
87-09-15	1600	L.04	L.03	L.01	L.01	L.02	L.02
87-09-15	1601	——	——	——	——	——	——
87-09-15	1605	L.04	L.03	L.01	L.01	L.02	L.02
87-09-15	1606	——	——	——	——	——	——
MAX		L.04	L.03	L.01	L.01	L.02	L.02
MIN		L.04	L.03	L.01	L.01	L.02	L.02

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CC0057 PARKDALE WELL #3

DATE	TIME	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	89290L ALDICARB (UG/L)	89291L ALD OXID (UG/L)	89292L ALD FONE (UG/L)
87-05-19	1430	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-05-19	1431	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-05-19	1432	——	——	——	——	——	——
87-05-19	1433	——	——	——	——	——	——
87-09-15	1600	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-09-15	1601	——	——	——	——	——	——
87-09-15	1605	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-09-15	1606	——	——	——	——	——	——
MAX		L.005	L.005	L.005	——	——	——
MIN		L.005	L.005	L.005	——	——	——

DATE	TIME	89307L CARBARYL (UG/L)	89269L CARBOFUR (UG/L)
87-05-19	1430	**TC**	**TC**
87-05-19	1431	**TC**	**TC**
87-05-19	1432	——	——
87-05-19	1433	——	——
87-09-15	1600	**TC**	**TC**
87-09-15	1601	——	——
87-09-15	1605	**TC**	**TC**
87-09-15	1606	——	——
MAX		——	——
MIN		——	——

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CD0003 SOURIS - INDUSTRIAL PARK WELL

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
87-05-20	1330	——	——	——	——	——	——
87-05-20	1331	——	——	——	——	——	——
87-05-20	1332	L5.	261.	.2	8.0	98.	26.
87-05-20	1333	L5.	261.	.4	8.1	96.7	26.
87-09-16	1130	——	——	——	——	——	——
87-09-16	1131	L5.	260.	.09	8.1	97.3	25.4
87-09-16	1135	——	——	——	——	——	——
87-09-16	1136	L5.	260.	.1	8.1	94.8	25.4
MAX		L5.	261.	.4	8.1	98.	26.
MIN		L5.	260.	.09	8.0	94.8	25.4

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	89350L BROMIDE (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)
87-05-20	1330	——	——	——	——	——	——
87-05-20	1331	——	——	——	——	——	——
87-05-20	1332	12.	7.5	1.00	**TC**	15.5	6.4
87-05-20	1333	12.	7.5	.98	**TC**	15.5	6.6
87-09-16	1130	——	——	——	——	——	——
87-09-16	1131	12.4	7.5	1.1	**TC**	16.5	6.2
87-09-16	1135	——	——	——	——	——	——
87-09-16	1136	12.4	7.5	1.1	**TC**	16.6	6.2
MAX		12.4	7.5	1.1	——	16.6	6.6
MIN		12.	7.5	.98	——	15.5	6.2

DATE	TIME	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09105L FLUORIDE (MG/L)
87-05-20	1330	——	——	——	——	——	——
87-05-20	1331	——	——	——	——	——	——
87-05-20	1332	5.8	1.0	L.5	6.12	L1.	.05
87-05-20	1333	5.8	1.0	L.5	6.18	L1.	.05
87-09-16	1130	——	——	——	——	——	——
87-09-16	1131	5.6	1.7	L.5	6.5	L1.	.05
87-09-16	1135	——	——	——	——	——	——
87-09-16	1136	5.6	1.7	1.0	6.8	L1.	.05
MAX		5.8	1.7	1.0	6.8	L1.	.05
MIN		5.6	1.0	L.5	6.12	L1.	.05

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPE01CD0003 SOURIS - INDUSTRIAL PARK WELL

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
87-05-20	1330	——	——	——	——	——	——
87-05-20	1331	——	——	——	——	——	——
87-05-20	1332	L.010	.0005	L.01	L.002	L.002	L.002
87-05-20	1333	L.010	.0005	L.01	L.002	L.002	L.002
87-09-16	1130	——	——	——	——	——	——
87-09-16	1131	L.010	——	L.01	L.002	L.002	L.002
87-09-16	1135	——	——	——	——	——	——
87-09-16	1136	L.010	——	L.01	L.002	L.002	L.002
MAX		L.010	.0005	L.01	L.002	L.002	L.002
MIN		L.010	.0005	L.01	L.002	L.002	L.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	18000L p,p-DDT (UG/L)
87-05-20	1330	——	——	——	——	——	L.001
87-05-20	1331	——	——	——	——	——	L.001
87-05-20	1332	L.01	.0025	L.001	L.02	L.002	——
87-05-20	1333	L.01	.0025	L.001	L.02	L.002	——
87-09-16	1130	——	——	——	——	——	L.001
87-09-16	1131	L.01	.0036	L.001	L.02	L.002	——
87-09-16	1135	——	——	——	——	——	L.001
87-09-16	1136	L.01	.0030	L.001	L.02	L.002	——
MAX		L.01	.0036	L.001	L.02	L.002	L.001
MIN		L.01	.0025	L.001	L.02	L.002	L.001

DATE	TIME	18005L o,p-DDT (UG/L)	18010L p,p-DDD (UG/L)	18020L p,p-DDE (UG/L)	18030L p,p-MET (UG/L)	18040L HEPTACHL (UG/L)	18045L HEPT EPX (UG/L)
87-05-20	1330	L.001	L.001	L.001	L.01	L.001	L.001
87-05-20	1331	L.001	L.001	L.001	L.01	L.001	L.001
87-05-20	1332	——	——	——	——	——	——
87-05-20	1333	——	——	——	——	——	——
87-09-16	1130	L.001	L.001	L.001	L.01	L.001	L.001
87-09-16	1131	——	——	——	——	——	——
87-09-16	1135	L.001	L.001	L.001	L.01	L.001	L.001
87-09-16	1136	——	——	——	——	——	——
MAX		L.001	L.001	L.001	L.01	L.001	L.001
MIN		L.001	L.001	L.001	L.01	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1QPE01CD0003 SOURIS - INDUSTRIAL PARK WELL PAGE 3

DATE	TIME	18050L A-ENDO (UG/L)	18055L B-ENDO (UG/L)	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)	18075L A-BHC (UG/L)
87-05-20	1330	L.01	L.01	L.005	L.005	L.001	L.001
87-05-20	1331	L.01	L.01	L.005	L.005	L.001	L.001
87-05-20	1332	—	—	—	—	—	—
87-05-20	1333	—	—	—	—	—	—
87-09-16	1130	L.01	L.01	L.005	L.005	L.001	L.001
87-09-16	1131	—	—	—	—	—	—
87-09-16	1135	L.01	L.01	L.005	L.005	L.001	L.001
87-09-16	1136	—	—	—	—	—	—
MAX		L.01	L.01	L.005	L.005	L.001	L.001
MIN		L.01	L.01	L.005	L.005	L.001	L.001

DATE	TIME	18125L MIREX (UG/L)	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)
87-05-20	1330	L.001	L.001	L.01	L.001	L.005	L.02
87-05-20	1331	L.001	L.001	L.01	L.001	L.005	L.02
87-05-20	1332	—	—	—	—	—	—
87-05-20	1333	—	—	—	—	—	—
87-09-16	1130	L.001	L.001	L.01	L.001	L.005	L.02
87-09-16	1131	—	—	—	—	—	—
87-09-16	1135	L.001	L.001	L.01	L.001	L.005	L.02
87-09-16	1136	—	—	—	—	—	—
MAX		L.001	L.001	L.01	L.001	L.005	L.02
MIN		L.001	L.001	L.01	L.001	L.005	L.02

DATE	TIME	17821L 1,4DCB (UG/L)	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)
87-05-20	1330	L.02	L.02	L.004	L.004	L.004	L.002
87-05-20	1331	L.02	L.02	L.004	L.004	L.004	L.002
87-05-20	1332	—	—	—	—	—	—
87-05-20	1333	—	—	—	—	—	—
87-09-16	1130	**CD**	L.02	L.004	L.004	L.004	L.002
87-09-16	1131	—	—	—	—	—	—
87-09-16	1135	**CD**	L.02	L.004	L.004	L.004	L.002
87-09-16	1136	—	—	—	—	—	—
MAX		L.02	L.02	L.004	L.004	L.004	L.002
MIN		L.02	L.02	L.004	L.004	L.004	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CD0003 SOURIS - INDUSTRIAL PARK WELL PAGE 4

DATE	TIME	17841L 1245 TECB (UG/L)	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L F1 (UG/L)	18901L B(b)F1 (UG/L)
87-05-20	1330	L.002	L.002	L.002	L.002	.002	L.001
87-05-20	1331	L.002	L.002	L.002	L.002	.006	L.001
87-05-20	1332	—	—	—	—	—	—
87-05-20	1333	—	—	—	—	—	—
87-09-16	1130	L.002	L.002	L.002	L.002	L.001	L.001
87-09-16	1131	—	—	—	—	—	—
87-09-16	1135	L.002	L.002	L.002	L.002	.004	L.001
87-09-16	1136	—	—	—	—	—	—
MAX		L.002	L.002	L.002	L.002	.006	L.001
MIN		L.002	L.002	L.002	L.002	L.001	L.001

DATE	TIME	18903L B(k)F1 (UG/L)	18900L B(a)P (UG/L)	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)	18190L BUTHION (UG/L)
87-05-20	1330	L.001	L.001	L.005	L.005	L.002	L.003
87-05-20	1331	L.001	L.001	L.005	L.005	L.002	L.003
87-05-20	1332	—	—	—	—	—	—
87-05-20	1333	—	—	—	—	—	—
87-09-16	1130	L.001	L.001	L.005	L.005	L.004	L.003
87-09-16	1131	—	—	—	—	—	—
87-09-16	1135	L.001	L.001	L.005	L.005	L.004	L.003
87-09-16	1136	—	—	—	—	—	—
MAX		L.001	L.001	L.005	L.005	L.004	L.003
MIN		L.001	L.001	L.005	L.005	L.004	L.003

DATE	TIME	18320L TRITHON (UG/L)	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)
87-05-20	1330	L.002	L.002	L.002	L.002	L.002	L.002
87-05-20	1331	L.002	L.002	L.002	L.002	L.002	L.002
87-05-20	1332	—	—	—	—	—	—
87-05-20	1333	—	—	—	—	—	—
87-09-16	1130	L.001	L.002	L.001	L.001	L.001	L.001
87-09-16	1131	—	—	—	—	—	—
87-09-16	1135	L.001	L.002	L.001	L.001	L.001	L.001
87-09-16	1136	—	—	—	—	—	—
MAX		L.001	L.002	L.001	L.001	L.001	L.001
MIN		L.001	L.002	L.001	L.001	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CD0003 SOURIS - INDUSTRIAL PARK WELL

DATE	TIME	18205L IMIDAN (UG/L)	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18325L M-TRITH (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)
87-05-20	1330	L.003	L.003	L.002	**TC**	L.002	L.002
87-05-20	1331	L.003	L.003	L.002	**TC**	L.002	L.002
87-05-20	1332	—	—	—	—	—	—
87-05-20	1333	—	—	—	—	—	—
87-09-16	1130	L.002	L.001	L.001	**TC**	L.001	L.001
87-09-16	1131	—	—	—	—	—	—
87-09-16	1135	L.002	L.001	L.001	**TC**	L.001	L.001
87-09-16	1136	—	—	—	—	—	—
MAX		L.002	L.001	L.001	—	L.001	L.001
MIN		L.002	L.001	L.001	—	L.001	L.001

DATE	TIME	18260L RONNEL (UG/L)	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)
87-05-20	1330	L.002	L.03	L.02	L.02	L.04	L.03
87-05-20	1331	L.002	L.03	L.02	L.02	L.04	L.03
87-05-20	1332	—	—	—	—	—	—
87-05-20	1333	—	—	—	—	—	—
87-09-16	1130	L.001	L.03	L.02	L.02	L.04	L.03
87-09-16	1131	—	—	—	—	—	—
87-09-16	1135	L.001	L.03	L.02	L.02	L.04	L.03
87-09-16	1136	—	—	—	—	—	—
MAX		L.001	L.03	L.02	L.02	L.04	L.03
MIN		L.001	L.03	L.02	L.02	L.04	L.03

DATE	TIME	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)
87-05-20	1330	L.04	L.03	L.01	L.01	L.02	L.02
87-05-20	1331	L.04	L.03	L.01	L.01	L.02	L.02
87-05-20	1332	—	—	—	—	—	—
87-05-20	1333	—	—	—	—	—	—
87-09-16	1130	L.04	L.03	L.01	L.01	L.02	L.02
87-09-16	1131	—	—	—	—	—	—
87-09-16	1135	L.04	L.03	L.01	L.01	L.02	L.02
87-09-16	1136	—	—	—	—	—	—
MAX		L.04	L.03	L.01	L.01	L.02	L.02
MIN		L.04	L.03	L.01	L.01	L.02	L.02

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CD0003 SOURIS - INDUSTRIAL PARK WELL

DATE	TIME	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	89290L ALDICARB (UG/L)	89291L ALD OXID (UG/L)	89292L ALD FOME (UG/L)
87-05-20	1330	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-05-20	1331	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-05-20	1332	—	—	—	—	—	—
87-05-20	1333	—	—	—	—	—	—
87-09-16	1130	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-09-16	1131	—	—	—	—	—	—
87-09-16	1135	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-09-16	1136	—	—	—	—	—	—
MAX		L.005	L.005	L.005	—	—	—
MIN		L.005	L.005	L.005	—	—	—

DATE	TIME	89307L CARBARYL (UG/L)	89269L CARBOFUR (UG/L)
87-05-20	1330	**TC**	**TC**
87-05-20	1331	**TC**	**TC**
87-05-20	1332	—	—
87-05-20	1333	—	—
87-09-16	1130	**TC**	**TC**
87-09-16	1131	—	—
87-09-16	1135	**TC**	**TC**
87-09-16	1136	—	—
MAX		—	—
MIN		—	—

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CD0002 SOURIS - LONGWORTH WELL

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
86-05-22	1050	L5.	322.	.2	8.1	103.3	31.
86-05-22	1051	L5.	324.	.2	8.1	104.3	30.
86-05-22	1055	—	—	—	—	—	—
86-05-22	1056	—	—	—	—	—	—
86-09-11	1100	—	—	—	—	—	—
86-09-11	1101	—	—	—	—	—	—
86-09-11	1102	L5.	297.	.2	7.9	101.3	29.
86-09-11	1103	L5.	297.	.2	7.8	100.1	29.
MAX		L5.	324.	.2	8.1	104.3	31.
MIN		L5.	297.	.2	7.8	100.1	29.

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17205L Cl (MG/L)	16304L SO4 (MG/L)	07110L NO3 NO2 (MG/L)
86-05-22	1050	14.	9.5	1.31	28.	8.61	3.10
86-05-22	1051	14.	9.6	1.30	28.	8.61	3.10
86-05-22	1055	—	—	—	—	—	—
86-05-22	1056	—	—	—	—	—	—
86-09-11	1100	—	—	—	—	—	—
86-09-11	1101	—	—	—	—	—	—
86-09-11	1102	14.	7.8	1.2	—	8.5	2.8
86-09-11	1103	14.	7.9	1.1	—	8.5	2.7
MAX		14.	9.6	1.31	28.	8.61	3.10
MIN		14.	7.8	1.1	28.	8.5	2.7

DATE	TIME	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)
86-05-22	1050	L.5	5.74	**TC**	L.05	L.010	.0003
86-05-22	1051	L.5	5.78	**TC**	L.05	L.010	.0002
86-05-22	1055	—	—	—	—	—	—
86-05-22	1056	—	—	—	—	—	—
86-09-11	1100	—	—	—	—	—	—
86-09-11	1101	—	—	—	—	—	—
86-09-11	1102	L.5	6.4	L1.	L.05	L.010	.0005
86-09-11	1103	L.5	6.23	L1.	L.05	L.010	.0005
MAX		L.5	6.4	L1.	L.05	L.010	.0005
MIN		L.5	5.74	L1.	L.05	L.010	.0002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CD0002 SOURIS - LONGWORTH WELL

DATE	TIME	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)
86-05-22	1050	L.01	L.002	L.002	L.002	L.01	.004
86-05-22	1051	L.01	L.002	L.002	.003	L.01	.004
86-05-22	1055	——	——	——	——	——	——
86-05-22	1056	——	——	——	——	——	——
86-09-11	1100	——	——	——	——	——	——
86-09-11	1101	——	——	——	——	——	——
86-09-11	1102	L.01	.002	L.002	.004	L.01	.0042
86-09-11	1103	L.01	L.002	L.002	.005	L.01	.0040
MAX		L.01	.002	L.002	.005	L.01	.0042
MIN		L.01	L.002	L.002	L.002	L.01	.004

DATE	TIME	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	89350L BROMIDE (MG/L)	18000L p,p-DDT (UG/L)	18005L o,p-DDT (UG/L)
86-05-22	1050	L.001	L.02	L.002	L.1	——	——
86-05-22	1051	L.001	L.02	L.002	L.1	——	——
86-05-22	1055	——	——	——	——	L.001	L.001
86-05-22	1056	——	——	——	——	L.001	L.001
86-09-11	1100	——	——	——	——	L.001	L.001
86-09-11	1101	——	——	——	——	L.001	L.001
86-09-11	1102	L.001	L.02	L.002	**TC**	——	——
86-09-11	1103	L.001	L.02	.002	**TC**	——	——
MAX		L.001	L.02	.002	L.1	L.001	L.001
MIN		L.001	L.02	L.002	L.1	L.001	L.001

DATE	TIME	18010L p,p-DDD (UG/L)	18020L p,p-DDE (UG/L)	18030L p,p-MET (UG/L)	18040L HEPTACHL (UG/L)	18045L HEPT EPX (UG/L)	18050L A-ENDO (UG/L)
86-05-22	1050	——	——	——	——	——	——
86-05-22	1051	——	——	——	——	——	——
86-05-22	1055	L.001	L.001	L.01	L.001	L.001	L.01
86-05-22	1056	L.001	L.001	L.01	L.001	L.001	L.01
86-09-11	1100	L.001	L.001	L.01	L.001	L.001	L.01
86-09-11	1101	L.001	L.001	L.01	L.001	L.001	L.01
86-09-11	1102	——	——	——	——	——	——
86-09-11	1103	——	——	——	——	——	——
MAX		L.001	L.001	L.01	L.001	L.001	L.01
MIN		L.001	L.001	L.01	L.001	L.001	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CD0002 SOURIS - LONGWORTH WELL

DATE	TIME	18055L B-ENDO (UG/L)	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)	18075L A-BHC (UG/L)	18125L MIREX (UG/L)
86-05-22	1050	—	—	—	—	—	—
86-05-22	1051	—	—	—	—	—	—
86-05-22	1055	L.01	L.005	L.005	L.001	L.001	L.001
86-05-22	1056	L.01	L.005	L.005	L.001	L.001	L.001
86-09-11	1100	L.01	L.005	L.005	L.001	L.001	L.001
86-09-11	1101	L.01	L.005	L.005	L.001	L.001	L.001
86-09-11	1102	—	—	—	—	—	—
86-09-11	1103	—	—	—	—	—	—
MAX		L.01	L.005	L.005	L.001	L.001	L.001
MIN		L.01	L.005	L.005	L.001	L.001	L.001

DATE	TIME	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)	17821L 1,4DCB (UG/L)
86-05-22	1050	—	—	—	—	—	—
86-05-22	1051	—	—	—	—	—	—
86-05-22	1055	L.001	L.01	L.001	L.005	L.02	**CD**
86-05-22	1056	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-11	1100	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-11	1101	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-11	1102	—	—	—	—	—	—
86-09-11	1103	—	—	—	—	—	—
MAX		L.001	L.01	L.001	L.005	L.02	—
MIN		L.001	L.01	L.001	L.005	L.02	—

DATE	TIME	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)	17841L 1245 TECB (UG/L)
86-05-22	1050	—	—	—	—	—	—
86-05-22	1051	—	—	—	—	—	—
86-05-22	1055	L.02	L.004	L.004	L.004	L.002	L.002
86-05-22	1056	L.02	L.004	L.004	L.004	L.002	L.002
86-09-11	1100	**IN**	L.004	L.004	L.004	L.002	L.002
86-09-11	1101	**IN**	L.004	L.004	L.004	L.002	L.002
86-09-11	1102	—	—	—	—	—	—
86-09-11	1103	—	—	—	—	—	—
MAX		L.02	L.004	L.004	L.004	L.002	L.002
MIN		L.02	L.004	L.004	L.004	L.002	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CD0002 SOURIS - LONGWORTH WELL PAGE 4

DATE	TIME	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L Fl (UG/L)	18901L B(b)Fl (UG/L)	18703L B(k)Fl (UG/L)
86-05-22	1050	——	——	——	——	——	——
86-05-22	1051	——	——	——	——	——	——
86-05-22	1055	L.002	L.002	L.002	L.001	L.001	L.001
86-05-22	1056	L.002	L.002	L.002	L.001	L.001	L.001
86-09-11	1100	L.002	L.002	L.002	L.001	L.001	L.001
86-09-11	1101	L.002	L.002	L.002	L.001	L.001	L.001
86-09-11	1102	——	——	——	——	——	——
86-09-11	1103	——	——	——	——	——	——
MAX		L.002	L.002	L.002	L.001	L.001	L.001
MIN		L.002	L.002	L.002	L.001	L.001	L.001

DATE	TIME	18900L B(a)P (UG/L)	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)	18190L GUTHION (UG/L)	18320L TRITHON (UG/L)
86-05-22	1050	——	——	——	——	——	——
86-05-22	1051	——	——	——	——	——	——
86-05-22	1055	L.001	L.005	L.005	L.003	L.002	**IN**
86-05-22	1056	L.001	L.005	L.005	L.003	L.002	L.001
86-09-11	1100	L.001	L.005	L.005	L.002	L.002	L.002
86-09-11	1101	L.001	L.005	L.005	L.002	L.002	L.002
86-09-11	1102	——	——	——	——	——	——
86-09-11	1103	——	——	——	——	——	——
MAX		L.001	L.005	L.005	L.002	L.002	L.002
MIN		L.001	L.005	L.005	L.002	L.002	L.002

DATE	TIME	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)	18205L IMIDAN (UG/L)
86-05-22	1050	——	——	——	——	——	——
86-05-22	1051	——	——	——	——	——	——
86-05-22	1055	L.006	L.001	L.001	L.001	L.001	L.004
86-05-22	1056	L.006	L.001	L.001	L.001	L.001	L.004
86-09-11	1100	L.005	L.001	L.001	L.001	L.001	L.004
86-09-11	1101	L.005	L.001	L.001	L.001	L.001	L.004
86-09-11	1102	——	——	——	——	——	——
86-09-11	1103	——	——	——	——	——	——
MAX		L.005	L.001	L.001	L.001	L.001	L.004
MIN		L.005	L.001	L.001	L.001	L.001	L.004

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CD0002 SOURIS - LONGWORTH WELL

DATE	TIME	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18325L M-TRITH (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)	18260L RONNEL (UG/L)
86-05-22	1050	——	——	——	——	——	——
86-05-22	1051	——	——	——	——	——	——
86-05-22	1055	L.001	L.001	**TC**	L.001	L.001	L.001
86-05-22	1056	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-11	1100	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-11	1101	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-11	1102	——	——	——	——	——	——
86-09-11	1103	——	——	——	——	——	——
MAX		L.001	L.001	——	L.001	L.001	L.001
MIN		L.001	L.001	——	L.001	L.001	L.001

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
86-05-22	1050	——	——	——	——	——	——
86-05-22	1051	——	——	——	——	——	——
86-05-22	1055	L.03	L.02	L.02	L.04	L.03	L.04
86-05-22	1056	L.03	L.02	L.02	L.04	L.03	L.04
86-09-11	1100	L.03	L.02	L.02	L.04	L.03	L.04
86-09-11	1101	L.03	L.02	L.02	L.04	L.03	L.04
86-09-11	1102	——	——	——	——	——	——
86-09-11	1103	——	——	——	——	——	——
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
86-05-22	1050	——	——	——	——	——	——
86-05-22	1051	——	——	——	——	——	——
86-05-22	1055	L.03	L.01	L.01	L.02	L.02	L.01
86-05-22	1056	L.03	L.01	L.01	L.02	L.02	L.01
86-09-11	1100	L.03	L.01	L.01	L.02	L.02	L.01
86-09-11	1101	L.03	L.01	L.01	L.02	L.02	L.01
86-09-11	1102	——	——	——	——	——	——
86-09-11	1103	——	——	——	——	——	——
MAX		L.03	L.01	L.01	L.02	L.02	L.01
MIN		L.03	L.01	L.01	L.02	L.02	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CD0002 SOURIS - LONGWORTH WELL

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	89292L ALD FONE (UG/L)	89291L ALD OXID (UG/L)	89290L ALDICARB (UG/L)	89307L CARBARYL (UG/L)
86-05-22	1050	——	——	——	——	——	——
86-05-22	1051	——	——	——	——	——	——
86-05-22	1055	L.01	L.01	L.01	L.01	L.01	L.01
86-05-22	1056	L.01	L.01	L.01	L.01	L.01	L.01
86-09-11	1100	L.01	L.01	L.01	L.01	L.01	L.01
86-09-11	1101	L.01	L.01	L.01	L.01	L.01	L.01
86-09-11	1102	——	——	——	——	——	——
86-09-11	1103	——	——	——	——	——	——
MAX		L.01	L.01	L.01	L.01	L.01	L.01
MIN		L.01	L.01	L.01	L.01	L.01	L.01

DATE	TIME	89269L CARBOFUR (UG/L)	17209L Cl (MG/L)
86-05-22	1050	——	——
86-05-22	1051	——	——
86-05-22	1055	——	——
86-05-22	1056	——	——
86-09-11	1100	L.01	——
86-09-11	1101	L.01	——
86-09-11	1102	——	20.2
86-09-11	1103	——	19.4
MAX		L.01	20.2
MIN		L.01	19.4

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CD0004 SOURIS - UNION AVE WELL

DATE	TIME	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17209L Cl (MG/L)
88-05-18	1045	109.8	33.	15.	9.2	1.3	18.4
88-05-18	1046	—	—	—	—	—	—
88-05-18	1047	110.	33.	15.	9.3	1.3	18.5
88-05-18	1048	—	—	—	—	—	—
88-09-20	1130	—	—	—	—	—	—
88-09-20	1131	—	—	—	—	—	—
88-09-20	1132	107.2	33.	14.	8.7	1.4	17.8
88-09-20	1133	108.1	33.	15.	8.5	1.4	17.8
MAX		110.	33.	15.	9.3	1.4	18.5
MIN		107.2	33.	14.	8.5	1.3	17.8

DATE	TIME	16304L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)
88-05-18	1045	11.99	10.9	4.7	L.5	6.8	L1.
88-05-18	1046	—	—	—	—	—	—
88-05-18	1047	11.70	11.0	4.8	L.5	6.8	L1.
88-05-18	1048	—	—	—	—	—	—
88-09-20	1130	—	—	—	—	—	—
88-09-20	1131	—	—	—	—	—	—
88-09-20	1132	9.4	10.5	5.1	L.5	5.8	L1.
88-09-20	1133	9.4	10.5	4.9	.6	5.8	L1.
MAX		11.99	11.0	5.1	.6	6.8	L1.
MIN		9.4	10.5	4.7	L.5	5.8	L1.

DATE	TIME	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)
88-05-18	1045	L.05	L.010	.00037	L.01	.02	L.002
88-05-18	1046	—	—	—	—	—	—
88-05-18	1047	L.05	L.010	.00029	L.01	.022	L.002
88-05-18	1048	—	—	—	—	—	—
88-09-20	1130	—	—	—	—	—	—
88-09-20	1131	—	—	—	—	—	—
88-09-20	1132	L.05	L.010	.0006	L.01	.023	L.002
88-09-20	1133	L.05	L.010	.0007	L.01	.05	L.002
MAX		L.05	L.010	.0007	L.01	.05	L.002
MIN		L.05	L.010	.00029	L.01	.02	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CD0004 SOURIS - UNION AVE WELL

DATE	TIME	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)
88-05-18	1045	.004	L.01	.0010	L.001	L.02	L.002
88-05-18	1046	——	——	——	——	——	——
88-05-18	1047	.002	L.01	.0010	L.001	L.02	L.002
88-05-18	1048	——	——	——	——	——	——
88-09-20	1130	——	——	——	——	——	——
88-09-20	1131	——	——	——	——	——	——
88-09-20	1132	.007	L.01	.0013	L.001	L.02	L.002
88-09-20	1133	.003	L.01	.0013	L.001	L.02	L.002
MAX		.007	L.01	.0013	L.001	L.02	L.002
MIN		.002	L.01	.0010	L.001	L.02	L.002

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	18000L p,p-DDT (UG/L)	18005L o,p-DDT (UG/L)
88-05-18	1045	L5.	331.	.2	7.8	——	——
88-05-18	1046	——	——	——	——	L.001	L.001
88-05-18	1047	5.	326.	.3	7.8	——	——
88-05-18	1048	——	——	——	——	L.001	L.001
88-09-20	1130	——	——	——	——	L.001	L.001
88-09-20	1131	——	——	——	——	L.001	L.001
88-09-20	1132	L5.	323.	.2	8.1	——	——
88-09-20	1133	L5.	329.	.2	8.0	——	——
MAX		5.	331.	.3	8.1	L.001	L.001
MIN		L5.	323.	.2	7.8	L.001	L.001

DATE	TIME	18010L p,p-DDD (UG/L)	18020L p,p-DDE (UG/L)	18030L p,p-MET (UG/L)	18040L HEPTACHL (UG/L)	18045L HEPT EPX (UG/L)	18050L A-ENDO (UG/L)
88-05-18	1045	——	——	——	——	——	——
88-05-18	1046	L.001	L.001	L.01	.001	L.001	L.01
88-05-18	1047	——	——	——	——	——	——
88-05-18	1048	L.001	L.001	L.01	.002	L.001	L.01
88-09-20	1130	L.001	L.001	L.01	L.001	L.001	L.01
88-09-20	1131	L.001	L.001	L.01	L.001	L.001	L.01
88-09-20	1132	——	——	——	——	——	——
88-09-20	1133	——	——	——	——	——	——
MAX		L.001	L.001	L.01	.002	L.001	L.01
MIN		L.001	L.001	L.01	L.001	L.001	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CD0004 SOURIS - UNION AVE WELL

DATE	TIME	18055L B-ENDO (UG/L)	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)	18075L A-BHC (UG/L)	18125L MIREX (UG/L)
88-05-18	1045	——	——	——	——	——	——
88-05-18	1046	L.01	L.005	L.005	L.001	L.001	L.001
88-05-18	1047	——	——	——	——	——	——
88-05-18	1048	L.01	L.005	L.005	L.001	L.001	L.001
88-09-20	1130	L.01	L.005	L.005	L.001	L.001	L.001
88-09-20	1131	L.01	L.005	L.005	L.001	L.001	L.001
88-09-20	1132	——	——	——	——	——	——
88-09-20	1133	——	——	——	——	——	——
MAX		L.01	L.005	L.005	L.001	L.001	L.001
MIN		L.01	L.005	L.005	L.001	L.001	L.001

DATE	TIME	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)	17821L 1,4DCB (UG/L)
88-05-18	1045	——	——	——	——	——	——
88-05-18	1046	L.001	L.01	L.001	L.005	L.02	**CD**
88-05-18	1047	——	——	——	——	——	——
88-05-18	1048	L.001	L.01	L.001	L.005	L.02	**CD**
88-09-20	1130	L.001	L.01	L.001	L.005	L.02	**CD**
88-09-20	1131	L.001	L.01	L.001	L.005	L.02	**CD**
88-09-20	1132	——	——	——	——	——	——
88-09-20	1133	——	——	——	——	——	——
MAX		L.001	L.01	L.001	L.005	L.02	——
MIN		L.001	L.01	L.001	L.005	L.02	——

DATE	TIME	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)	17841L 1245 TECB (UG/L)
88-05-18	1045	——	——	——	——	——	——
88-05-18	1046	L.02	L.004	L.004	L.004	L.002	L.002
88-05-18	1047	——	——	——	——	——	——
88-05-18	1048	L.02	L.004	L.004	L.004	L.002	L.002
88-09-20	1130	L.02	L.004	L.004	L.004	L.002	L.002
88-09-20	1131	L.02	L.004	L.004	L.004	L.002	L.002
88-09-20	1132	——	——	——	——	——	——
88-09-20	1133	——	——	——	——	——	——
MAX		L.02	L.004	L.004	L.004	L.002	L.002
MIN		L.02	L.004	L.004	L.004	L.002	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CD0004 SOURIS - UNION AVE WELL

DATE	TIME	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L F1 (UG/L)	18901L B(b)F1 (UG/L)	18903L B(k)F1 (UG/L)
88-05-18	1045	—	—	—	—	—	—
88-05-18	1046	L.002	L.002	L.002	.004	L.001	L.001
88-05-18	1047	—	—	—	—	—	—
88-05-18	1048	L.002	L.002	L.002	L.004	.001	L.001
88-09-20	1130	L.002	L.002	L.002	.002	L.0008	L.0002
88-09-20	1131	L.002	L.002	L.002	.002	L.0008	L.0002
88-09-20	1132	—	—	—	—	—	—
88-09-20	1133	—	—	—	—	—	—
MAX		L.002	L.002	L.002	.004	.001	L.0002
MIN		L.002	L.002	L.002	L.004	L.0008	L.0002

DATE	TIME	18900L B(a)P (UG/L)	18903L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)	18190L GUTHION (UG/L)	18320L TRITHON (UG/L)
88-05-18	1045	—	—	—	—	—	—
88-05-18	1046	L.001	L.006	L.006	L.005	L.005	L.006
88-05-18	1047	—	—	—	—	—	—
88-05-18	1048	L.001	L.006	L.006	L.005	L.005	L.006
88-09-20	1130	L.0008	L.006	*TRACE	L.002	L.004	L.0008
88-09-20	1131	L.0008	L.006	L.006	L.002	L.004	L.0008
88-09-20	1132	—	—	—	—	—	—
88-09-20	1133	—	—	—	—	—	—
MAX		L.0008	L.006	L.006	L.002	L.004	L.0008
MIN		L.0008	L.006	L.006	L.002	L.004	L.0008

DATE	TIME	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)	18205L IMIDAN (UG/L)
88-05-18	1045	—	—	—	—	—	—
88-05-18	1046	L.002	L.001	L.001	L.001	L.001	L.003
88-05-18	1047	—	—	—	—	—	—
88-05-18	1048	L.002	L.001	L.001	L.001	L.001	L.003
88-09-20	1130	L.009	L.0006	L.0005	L.0003	L.0007	L.002
88-09-20	1131	L.009	L.0006	L.0005	L.0003	L.0007	L.002
88-09-20	1132	—	—	—	—	—	—
88-09-20	1133	—	—	—	—	—	—
MAX		L.009	L.0006	L.0005	L.0003	L.0007	L.002
MIN		L.009	L.0006	L.0005	L.0003	L.0007	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CD0004 SOURIS - UNION AVE WELL

DATE	TIME	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)	18260L RONNEL (UG/L)	17704L 2-6-DCP (UG/L)
88-05-18	1045	—	—	—	—	—	—
88-05-18	1046	L.001	L.001	L.001	L.001	L.001	L.03
88-05-18	1047	—	—	—	—	—	—
88-05-18	1048	L.001	L.001	L.001	L.001	L.001	L.03
88-09-20	1130	L.0008	L.0007	L.0006	L.0006	L.0006	L.03
88-09-20	1131	L.0008	L.0007	L.0006	L.0006	L.0006	L.03
88-09-20	1132	—	—	—	—	—	—
88-09-20	1133	—	—	—	—	—	—
MAX		L.0008	L.0007	L.0006	L.0006	L.0006	L.03
MIN		L.0008	L.0007	L.0006	L.0006	L.0006	L.03

DATE	TIME	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)
88-05-18	1045	—	—	—	—	—	—
88-05-18	1046	L.02	L.02	L.04	L.03	L.04	L.03
88-05-18	1047	—	—	—	—	—	—
88-05-18	1048	L.02	L.02	L.04	L.03	L.04	L.03
88-09-20	1130	L.02	L.02	L.04	L.03	L.04	L.03
88-09-20	1131	L.02	L.02	L.04	L.03	L.04	L.03
88-09-20	1132	—	—	—	—	—	—
88-09-20	1133	—	—	—	—	—	—
MAX		L.02	L.02	L.04	L.03	L.04	L.03
MIN		L.02	L.02	L.04	L.03	L.04	L.03

DATE	TIME	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)
88-05-18	1045	—	—	—	—	—	—
88-05-18	1046	L.01	L.01	L.02	L.02	L.005	L.005
88-05-18	1047	—	—	—	—	—	—
88-05-18	1048	L.01	L.01	L.02	L.02	L.005	L.005
88-09-20	1130	L.01	L.01	L.02	L.02	L.005	L.005
88-09-20	1131	L.01	L.01	L.02	L.02	L.005	L.005
88-09-20	1132	—	—	—	—	—	—
88-09-20	1133	—	—	—	—	—	—
MAX		L.01	L.01	L.02	L.02	L.005	L.005
MIN		L.01	L.01	L.02	L.02	L.005	L.005

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CD0004 SOURIS - UNION AVE WELL

DATE	TIME	17804L PCP (UG/L)	89290L ALDICARB (UG/L)	89291L ALD OXID (UG/L)	89292L ALD FONE (UG/L)	89307L CARBARYL (UG/L)	89269L CARBOFUR (UG/L)
88-05-18	1045	——	——	——	——	——	——
88-05-18	1046	.007	L.1	L.1	L.1	L.1	L.1
88-05-18	1047	——	——	——	——	——	——
88-05-18	1048	.007	L.1	L.1	L.1	L.1	L.1
88-09-20	1130	.004	L.05	L.05	L.05	L.05	L.05
88-09-20	1131	.007	L.05	L.05	L.05	L.05	L.05
88-09-20	1132	——	——	——	——	——	——
88-09-20	1133	——	——	——	——	——	——
MAX		.007	L.05	L.05	L.05	L.05	L.05
MIN		.004	L.05	L.05	L.05	L.05	L.05

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0019 ST. ELEANORS - WELL #2 PAGE 1

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
86-05-21	1350	L5.	373.	.8	7.9	98.8	62.
86-05-21	1352	L5.	374.	.9	7.9	96.9	61.
86-05-21	1356	—	—	—	—	—	—
86-05-21	1357	—	—	—	—	—	—
86-07-09	1100	—	—	—	—	—	—
86-07-09	1101	L5.	250.	.8	7.4	72.7	34.
86-07-09	1105	—	—	—	—	—	—
86-09-10	1130	—	—	—	—	—	—
86-09-10	1131	—	—	—	—	—	—
86-09-10	1132	L5.	402.	1.1	7.7	94.2	64.
86-09-10	1133	L5.	402.	1.0	7.6	92.8	61.
MAX		L5.	402.	1.1	7.9	98.9	64.
MIN		L5.	250.	.8	7.4	72.7	34.

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17205L Cl (MG/L)	16304L SO4 (MG/L)	07110L NO3 NO2 (MG/L)
86-05-21	1350	1.5	8.5	1.20	30.	19.32	5.40
86-05-21	1352	1.5	8.6	1.20	31.	19.88	5.40
86-05-21	1356	—	—	—	—	—	—
86-05-21	1357	—	—	—	—	—	—
86-07-09	1100	—	—	—	—	—	—
86-07-09	1101	4.5	6.8	.96	—	7.7	3.9
86-07-09	1105	—	—	—	—	—	—
86-09-10	1130	—	—	—	—	—	—
86-09-10	1131	—	—	—	—	—	—
86-09-10	1132	1.5	9.0	.90	—	24.0	6.4
86-09-10	1133	1.5	9.1	.91	—	24.3	6.3
MAX		4.5	9.1	1.20	31.	24.3	6.4
MIN		1.5	6.8	.90	30.	7.7	3.9

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0019 ST. ELEANORS - WELL #2

DATE	TIME	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)
86-05-21	1350	.8	8.95	**TC**	L.05	L.010	.001
86-05-21	1352	.6	8.88	**TC**	L.05	.010	.001
86-05-21	1356	—	—	—	—	—	—
86-05-21	1357	—	—	—	—	—	—
86-07-09	1100	—	—	—	—	—	—
86-07-09	1101	1.8	6.29	—	—	—	—
86-07-09	1105	—	—	—	—	—	—
86-09-10	1130	—	—	—	—	—	—
86-09-10	1131	—	—	—	—	—	—
86-09-10	1132	L.5	8.73	L1.	L.05	L.010	.0006
86-09-10	1133	L.5	8.62	L1.	L.05	L.010	.0007
MAX		1.8	8.95	L1.	L.05	.010	.001
MIN		L.5	6.29	L1.	L.05	L.010	.0006

DATE	TIME	25304L Mn (MG/L)	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)
86-05-21	1350	L.01	.48	.002	.009	.01	L.0005
86-05-21	1352	L.01	.65	L.002	.011	.01	L.0005
86-05-21	1356	—	—	—	—	—	—
86-05-21	1357	—	—	—	—	—	—
86-07-09	1100	—	—	—	—	—	—
86-07-09	1101	—	—	—	—	—	—
86-07-09	1105	—	—	—	—	—	—
86-09-10	1130	—	—	—	—	—	—
86-09-10	1131	—	—	—	—	—	—
86-09-10	1132	L.01	.71	.006	.010	L.01	L.0005
86-09-10	1133	L.01	.97	.004	.007	L.01	L.0005
MAX		L.01	.97	.006	.011	.01	L.0005
MIN		L.01	.48	L.002	.007	L.01	L.0005

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0019 ST. ELEANORS - WELL #2

DATE	TIME	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	89350L BROMIDE (MG/L)	10401L NF RES (MG/L)	17209L Cl (MG/L)
86-05-21	1350	L.001	.06	L.002	L.1	—	—
86-05-21	1352	L.001	.06	.002	L.1	—	—
86-05-21	1356	—	—	—	—	—	—
86-05-21	1357	—	—	—	—	—	—
86-07-09	1100	—	—	—	—	—	—
86-07-09	1101	—	—	—	—	L10.	16.3
86-07-09	1105	—	—	—	—	—	—
86-09-10	1130	—	—	—	—	—	—
86-09-10	1131	—	—	—	—	—	—
86-09-10	1132	L.001	.07	L.002	**TC**	—	40.
86-09-10	1133	L.001	.06	L.002	**TC**	—	40.
MAX		L.001	.07	.002	L.1	L10.	40.
MIN		L.001	.06	L.002	L.1	L10.	16.3

DATE	TIME	07601L TN (MG/L)	18000L p,p-DDT (UG/L)	18005L o,p-DDT (UG/L)	18010L p,p-DDD (UG/L)	18020L p,p-DDE (UG/L)	18030L p,p-MET (UG/L)
86-05-21	1350	—	—	—	—	—	—
86-05-21	1352	—	—	—	—	—	—
86-05-21	1356	—	L.001	L.001	L.001	L.001	L.01
86-05-21	1357	—	L.001	L.001	L.001	L.001	L.01
86-07-09	1100	—	L.001	L.001	L.001	L.001	L.01
86-07-09	1101	4.3	—	—	—	—	—
86-07-09	1105	—	L.001	L.001	L.001	L.001	L.01
86-09-10	1130	—	L.001	L.001	L.001	L.001	L.01
86-09-10	1131	—	L.001	L.001	L.001	L.001	L.01
86-09-10	1132	—	—	—	—	—	—
86-09-10	1133	—	—	—	—	—	—
MAX		4.3	L.001	L.001	L.001	L.001	L.01
MIN		4.3	L.001	L.001	L.001	L.001	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0019 ST. ELEANORS - WELL #2 PAGE 4

DATE	TIME	1B040L HEPTACHL (UG/L)	1B045L HEPT EPX (UG/L)	1B050L A-ENDO (UG/L)	1B055L B-ENDO (UG/L)	1B060L A-CHLOR (UG/L)	1B065L G-CHLOR (UG/L)
86-05-21	1350	——	——	——	——	——	——
86-05-21	1352	——	——	——	——	——	——
86-05-21	1356	L.001	L.001	L.01	L.01	L.005	L.005
86-05-21	1357	L.001	L.001	L.01	L.01	L.005	L.005
86-07-09	1100	L.001	L.001	L.01	L.01	L.005	L.005
86-07-09	1101	——	——	——	——	——	——
86-07-09	1105	L.001	L.001	L.01	L.01	L.005	L.005
86-09-10	1130	L.001	L.001	L.01	L.1	L.005	L.005
86-09-10	1131	L.001	L.001	L.01	L.01	L.005	L.005
86-09-10	1132	——	——	——	——	——	——
86-09-10	1133	——	——	——	——	——	——
MAX		L.001	L.001	L.01	L.01	L.005	L.005
MIN		L.001	L.001	L.01	L.01	L.005	L.005

DATE	TIME	1B070L G-BHC (UG/L)	1B075L A-BHC (UG/L)	1B125L MIREX (UG/L)	1B130L ALDRIN (UG/L)	1B140L ENDRIN (UG/L)	1B150L DIELDRIN (UG/L)
86-05-21	1350	——	——	——	——	——	——
86-05-21	1352	——	——	——	——	——	——
86-05-21	1356	L.001	L.001	L.001	L.001	L.01	L.001
86-05-21	1357	L.001	L.001	L.001	L.001	L.01	L.001
86-07-09	1100	.010	L.001	L.001	L.001	L.01	L.001
86-07-09	1101	——	——	——	——	——	——
86-07-09	1105	.011	L.001	L.001	L.001	L.01	L.001
86-09-10	1130	.008	L.001	L.001	L.001	L.01	L.001
86-09-10	1131	.006	L.001	L.001	L.001	L.01	L.001
86-09-10	1132	——	——	——	——	——	——
86-09-10	1133	——	——	——	——	——	——
MAX		.011	L.001	L.001	L.001	L.01	L.001
MIN		L.001	L.001	L.001	L.001	L.01	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0019 ST. ELEANORS - WELL #2 PAGE 5

DATE	TIME	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)	17821L 1,4DCB (UG/L)	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)
86-05-21	1350	——	——	——	——	——	——
86-05-21	1352	——	——	——	——	——	——
86-05-21	1356	*TRACE	L.02	**CD**	L.02	L.004	L.004
86-05-21	1357	.063	L.02	**CD**	L.02	L.004	L.004
86-07-09	1100	L.005	——	——	——	——	——
86-07-09	1101	——	——	——	——	——	——
86-07-09	1105	L.005	——	——	——	——	——
86-09-10	1130	L.005	L.02	**CD**	**IN**	L.004	L.004
86-09-10	1131	L.005	L.02	**CD**	**IN**	L.004	L.004
86-09-10	1132	——	——	——	——	——	——
86-09-10	1133	——	——	——	——	——	——
MAX		.063	L.02	——	L.02	L.004	L.004
MIN		L.005	L.02	——	L.02	L.004	L.004

DATE	TIME	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)	17841L 1245 TECB (UG/L)	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)
86-05-21	1350	——	——	——	——	——	——
86-05-21	1352	——	——	——	——	——	——
86-05-21	1356	L.004	L.002	L.002	L.002	L.002	L.002
86-05-21	1357	L.002	L.002	L.002	L.002	L.002	L.002
86-07-09	1100	——	——	——	——	——	——
86-07-09	1101	——	——	——	——	——	——
86-07-09	1105	——	——	——	——	——	——
86-09-10	1130	L.004	L.002	L.002	L.002	L.002	L.002
86-09-10	1131	L.004	L.002	L.002	L.002	L.002	L.002
86-09-10	1132	——	——	——	——	——	——
86-09-10	1133	——	——	——	——	——	——
MAX		L.004	L.002	L.002	L.002	L.002	L.002
MIN		L.004	L.002	L.002	L.002	L.002	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0019 ST. ELEANORS - WELL #2 PAGE 6

DATE	TIME	18904L F1 (UG/L)	18901L B(b)F1 (UG/L)	18903L B(k)F1 (UG/L)	18900L B(a)P (UG/L)	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)
86-05-21	1350	——	——	——	——	——	——
86-05-21	1352	——	——	——	——	——	——
86-05-21	1356	.002	L.001	L.001	L.001	L.005	L.005
86-05-21	1357	.012	.003	.001	.003	L.005	.021
86-07-09	1100	——	——	——	——	——	——
86-07-09	1101	——	——	——	——	——	——
86-07-09	1105	——	——	——	——	——	——
86-09-10	1130	L.001	L.001	L.001	L.001	L.005	L.005
86-09-10	1131	.001	L.001	L.001	L.001	L.005	L.005
86-09-10	1132	——	——	——	——	——	——
86-09-10	1133	——	——	——	——	——	——
MAX		.012	.003	.001	.003	L.005	.021
MIN		L.001	L.001	L.001	L.001	L.005	L.005

DATE	TIME	18195L AZIN-ETH (UG/L)	18190L GUTHION (UG/L)	18320L TRITHON (UG/L)	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)
86-05-21	1350	——	——	——	——	——	——
86-05-21	1352	——	——	——	——	——	——
86-05-21	1356	L.003	L.002	.018	L.006	L.001	L.001
86-05-21	1357	L.002	L.002	**IN**	L.006	L.001	L.001
86-07-09	1100	——	——	——	——	——	——
86-07-09	1101	——	——	——	——	——	——
86-07-09	1105	——	——	——	——	——	——
86-09-10	1130	L.002	L.002	**IN**	L.005	L.001	L.001
86-09-10	1131	L.002	L.002	**IN**	L.005	L.001	L.001
86-09-10	1132	——	——	——	——	——	——
86-09-10	1133	——	——	——	——	——	——
MAX		L.002	L.002	.018	L.005	L.001	L.001
MIN		L.002	L.002	.018	L.005	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0019 ST. ELEANORS - WELL #2

DATE	TIME	18310L ETHION (UG/L)	18330L FENITRO (UG/L)	18205L IMIDAN (UG/L)	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18325L M-TRITH (UG/L)
86-05-21	1350	—	—	—	—	—	—
86-05-21	1352	—	—	—	—	—	—
86-05-21	1356	L.001	L.001	L.004	L.001	L.001	**TC**
86-05-21	1357	L.001	L.001	L.004	L.001	L.001	**TC**
86-07-09	1100	—	—	—	—	—	—
86-07-09	1101	—	—	—	—	—	—
86-07-09	1105	—	—	—	—	—	—
86-09-10	1130	L.001	L.001	L.004	L.001	L.001	**TC**
86-09-10	1131	L.001	L.001	L.004	L.001	L.001	**TC**
86-09-10	1132	—	—	—	—	—	—
86-09-10	1133	—	—	—	—	—	—
MAX		L.001	L.001	L.004	L.001	L.001	—
MIN		L.001	L.001	L.004	L.001	L.001	—

DATE	TIME	18240L PARATH (UG/L)	18300L PHORATE (UG/L)	18260L RONNEL (UG/L)	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)
86-05-21	1350	—	—	—	—	—	—
86-05-21	1352	—	—	—	—	—	—
86-05-21	1356	L.001	L.001	L.001	L.03	L.02	L.02
86-05-21	1357	L.001	L.001	L.001	L.03	L.02	L.02
86-07-09	1100	—	—	—	—	—	—
86-07-09	1101	—	—	—	—	—	—
86-07-09	1105	—	—	—	—	—	—
86-09-10	1130	L.001	L.001	L.001	L.03	L.02	L.02
86-09-10	1131	L.001	L.001	L.001	L.03	L.02	L.02
86-09-10	1132	—	—	—	—	—	—
86-09-10	1133	—	—	—	—	—	—
MAX		L.001	L.001	L.001	L.03	L.02	L.02
MIN		L.001	L.001	L.001	L.03	L.02	L.02

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0019 ST. ELEANORS - WELL #2 PAGE 8

DATE	TIME	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)
86-05-21	1350	—	—	—	—	—	—
86-05-21	1352	—	—	—	—	—	—
86-05-21	1356	L.04	L.03	L.04	L.03	L.01	L.01
86-05-21	1357	L.04	L.03	L.04	L.03	L.01	L.01
86-07-09	1100	—	—	—	—	—	—
86-07-09	1101	—	—	—	—	—	—
86-07-09	1105	—	—	—	—	—	—
86-09-10	1130	L.04	L.03	L.04	L.03	L.01	L.01
86-09-10	1131	L.04	L.03	L.04	L.03	L.01	L.01
86-09-10	1132	—	—	—	—	—	—
86-09-10	1133	—	—	—	—	—	—
MAX		L.04	L.03	L.04	L.03	L.01	L.01
MIN		L.04	L.03	L.04	L.03	L.01	L.01

DATE	TIME	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	89292L ALD FONE (UG/L)
86-05-21	1350	—	—	—	—	—	—
86-05-21	1352	—	—	—	—	—	—
86-05-21	1356	L.02	L.02	L.01	L.01	L.01	.47
86-05-21	1357	L.02	L.02	L.01	L.01	L.01	.5
86-07-09	1100	—	—	—	—	—	—
86-07-09	1101	—	—	—	—	—	—
86-07-09	1105	—	—	—	—	—	—
86-09-10	1130	L.02	L.02	L.01	L.01	L.01	.34
86-09-10	1131	L.02	L.02	L.01	L.01	L.01	.34
86-09-10	1132	—	—	—	—	—	—
86-09-10	1133	—	—	—	—	—	—
MAX		L.02	L.02	L.01	L.01	L.01	.5
MIN		L.02	L.02	L.01	L.01	L.01	.34

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0019 ST. ELEANORS - WELL #2 PAGE 9

DATE	TIME	89291L ALD OXID (UG/L)	89290L ALDICARB (UG/L)	89307L CARBARYL (UG/L)	89269L CARBOFUR (UG/L)
86-05-21	1350	——	——	——	——
86-05-21	1352	——	——	——	——
86-05-21	1356	L.01	L.01	L.01	——
86-05-21	1357	L.01	L.01	L.01	——
86-07-09	1100	——	——	——	——
86-07-09	1101	——	——	——	——
86-07-09	1105	——	——	——	——
86-09-10	1130	.05	L.01	L.01	L.01
86-09-10	1131	.05	L.01	L.01	L.01
86-09-10	1132	——	——	——	——
86-09-10	1133	——	——	——	——
MAX		.05	L.01	L.01	L.01
MIN		L.01	L.01	L.01	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CB0021 ST. ELEANORS - WELL #3 PAGE 1

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
87-05-21	1130	——	——	——	——	——	——
87-05-21	1131	——	——	——	——	——	——
87-05-21	1132	L5.	495.	.3	8.1	147.5	80.
87-05-21	1133	L5.	489.	.4	7.6	130.9	77.
87-09-17	1330	——	——	——	——	——	——
87-09-17	1331	L5.	485.	.2	7.9	142.5	81.0
87-09-17	1335	——	——	——	——	——	——
87-09-17	1336	L5.	487.	.2	7.9	141.9	81.0
MAX		L5.	495.	.4	8.1	147.5	81.0
MIN		L5.	485.	.2	7.6	130.9	77.

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	89350L BROMIDE (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)
87-05-21	1130	——	——	——	——	——	——
87-05-21	1131	——	——	——	——	——	——
87-05-21	1132	1.7	15.4	.79	**TC**	52.0	12.5
87-05-21	1133	1.7	15.0	.73	**TC**	52.0	18.4
87-09-17	1330	——	——	——	——	——	——
87-09-17	1331	1.9	14.9	.80	**TC**	53.	13.1
87-09-17	1335	——	——	——	——	——	——
87-09-17	1336	1.9	15.3	.82	**TC**	53.	13.1
MAX		1.9	15.4	.82	——	53.	18.4
MIN		1.7	14.9	.73	——	52.0	12.5

DATE	TIME	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09105L FLUORIDE (MG/L)
87-05-21	1130	——	——	——	——	——	——
87-05-21	1131	——	——	——	——	——	——
87-05-21	1132	11.9	3.5	L.5	9.80	L1.	L.05
87-05-21	1133	17.0	3.6	L.5	9.76	L1.	L.05
87-09-17	1330	——	——	——	——	——	——
87-09-17	1331	12.0	3.4	L.5	11.2	L1.	L.05
87-09-17	1335	——	——	——	——	——	——
87-09-17	1336	12.0	3.4	L.5	11.2	L1.	L.05
MAX		17.0	3.6	L.5	11.2	L1.	L.05
MIN		11.9	3.4	L.5	9.76	L1.	L.05

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0021 ST. ELEANORS - WELL #3

DATE	TIME	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)
87-05-21	1130	——	——	——	——	——	——
87-05-21	1131	——	——	——	——	——	——
87-05-21	1132	L.010	.0003	L.01	.003	L.002	.003
87-05-21	1133	L.010	.0004	L.01	.038	L.002	.002
87-09-17	1330	——	——	——	——	——	——
87-09-17	1331	.010	——	L.01	L.002	L.002	.003
87-09-17	1335	——	——	——	——	——	——
87-09-17	1336	.027	——	L.01	L.002	.004	.003
MAX		.027	.0004	L.01	.038	.004	.003
MIN		L.010	.0003	L.01	L.002	L.002	.002

DATE	TIME	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	39000L p,p-DDT (UG/L)
87-05-21	1130	——	——	——	——	——	L.001
87-05-21	1131	——	——	——	——	——	L.001
87-05-21	1132	L.01	L.0005	L.001	L.02	L.002	——
87-05-21	1133	L.01	L.0005	L.001	L.02	L.002	——
87-09-17	1330	——	——	——	——	——	L.001
87-09-17	1331	L.01	L.0005	L.001	L.02	L.002	——
87-09-17	1335	——	——	——	——	——	L.001
87-09-17	1336	L.01	L.0005	L.001	L.02	L.002	——
MAX		L.01	L.0005	L.001	L.02	L.002	L.001
MIN		L.01	L.0005	L.001	L.02	L.002	L.001

DATE	TIME	39005L o,p-DDT (UG/L)	39010L p,p-DDD (UG/L)	39020L p,p-DDE (UG/L)	39030L p,p-MET (UG/L)	39040L HEPTACHL (UG/L)	39045L HEPT EPX (UG/L)
87-05-21	1130	L.001	L.001	L.001	L.01	L.001	L.001
87-05-21	1131	L.001	L.001	L.001	L.01	L.001	L.001
87-05-21	1132	——	——	——	——	——	——
87-05-21	1133	——	——	——	——	——	——
87-09-17	1330	L.001	L.001	L.001	L.01	L.001	L.001
87-09-17	1331	——	——	——	——	——	——
87-09-17	1335	L.001	L.001	L.001	L.01	L.001	L.001
87-09-17	1336	——	——	——	——	——	——
MAX		L.001	L.001	L.001	L.01	L.001	L.001
MIN		L.001	L.001	L.001	L.01	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0021 ST. ELEANORS - WELL #3 PAGE 3

DATE	TIME	18050L A-ENDO (UG/L)	18055L B-ENDO (UG/L)	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)	18075L A-BHC (UG/L)
87-05-21	1130	L.01	L.01	L.005	L.005	L.001	L.001
87-05-21	1131	L.01	L.01	L.005	L.005	L.001	L.001
87-05-21	1132	——	——	——	——	——	——
87-05-21	1133	——	——	——	——	——	——
87-09-17	1330	L.01	L.01	L.005	L.005	L.001	L.001
87-09-17	1331	——	——	——	——	——	——
87-09-17	1335	L.01	L.01	L.005	L.005	L.001	L.001
87-09-17	1336	——	——	——	——	——	——
MAX		L.01	L.01	L.005	L.005	L.001	L.001
MIN		L.01	L.01	L.005	L.005	L.001	L.001

DATE	TIME	18125L MIREX (UG/L)	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)
87-05-21	1130	L.001	L.001	L.01	L.001	L.005	L.02
87-05-21	1131	L.001	L.001	L.01	L.001	L.005	L.02
87-05-21	1132	——	——	——	——	——	——
87-05-21	1133	——	——	——	——	——	——
87-09-17	1330	L.001	L.001	L.01	L.001	L.005	L.02
87-09-17	1331	——	——	——	——	——	——
87-09-17	1335	L.001	L.001	L.01	L.001	L.005	L.02
87-09-17	1336	——	——	——	——	——	——
MAX		L.001	L.001	L.01	L.001	L.005	L.02
MIN		L.001	L.001	L.01	L.001	L.005	L.02

DATE	TIME	17821L 1,4DCB (UG/L)	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)
87-05-21	1130	L.02	L.02	L.004	L.004	L.004	L.002
87-05-21	1131	L.02	L.02	L.004	L.004	L.004	L.002
87-05-21	1132	——	——	——	——	——	——
87-05-21	1133	——	——	——	——	——	——
87-09-17	1330	**CD**	L.02	L.004	L.004	L.004	L.002
87-09-17	1331	——	——	——	——	——	——
87-09-17	1335	**CD**	L.02	L.004	L.004	L.004	L.002
87-09-17	1336	——	——	——	——	——	——
MAX		L.02	L.02	L.004	L.004	L.004	L.002
MIN		L.02	L.02	L.004	L.004	L.004	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01C80021 ST. ELEANORS - WELL #3

DATE	TIME	17841L 1245 TECB (UG/L)	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L F1 (UG/L)	18901L B(b)F1 (UG/L)
87-05-21	1130	L.002	L.002	L.002	L.002	.004	L.001
87-05-21	1131	L.002	L.002	L.002	L.002	.003	L.001
87-05-21	1132	—	—	—	—	—	—
87-05-21	1133	—	—	—	—	—	—
87-09-17	1330	L.002	L.002	L.002	L.002	.003	L.001
87-09-17	1331	—	—	—	—	—	—
87-09-17	1335	L.002	L.002	L.002	L.002	.002	L.001
87-09-17	1336	—	—	—	—	—	—
MAX		L.002	L.002	L.002	L.002	.004	L.001
MIN		L.002	L.002	L.002	L.002	.002	L.001

DATE	TIME	18903L B(k)F1 (UG/L)	18900L B(a)P (UG/L)	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)	18190L GUTHION (UG/L)
87-05-21	1130	L.001	L.001	L.005	L.005	L.002	L.003
87-05-21	1131	L.001	L.001	L.005	L.005	L.002	L.003
87-05-21	1132	—	—	—	—	—	—
87-05-21	1133	—	—	—	—	—	—
87-09-17	1330	L.001	L.001	L.005	L.005	L.004	L.003
87-09-17	1331	—	—	—	—	—	—
87-09-17	1335	L.001	L.001	L.005	L.005	L.004	L.003
87-09-17	1336	—	—	—	—	—	—
MAX		L.001	L.001	L.005	L.005	L.004	L.003
MIN		L.001	L.001	L.005	L.005	L.004	L.003

DATE	TIME	18320L TRITHON (UG/L)	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)
87-05-21	1130	.010	L.002	L.002	L.002	L.002	L.002
87-05-21	1131	.008	L.002	L.002	L.002	L.002	L.002
87-05-21	1132	—	—	—	—	—	—
87-05-21	1133	—	—	—	—	—	—
87-09-17	1330	L.001	L.002	L.001	L.001	L.001	L.001
87-09-17	1331	—	—	—	—	—	—
87-09-17	1335	L.001	L.002	L.001	L.001	L.001	L.001
87-09-17	1336	—	—	—	—	—	—
MAX		.010	L.002	L.001	L.001	L.001	L.001
MIN		L.001	L.002	L.001	L.001	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0021 ST. ELEANORS - WELL #3 PAGE 5

DATE	TIME	18205L IMIDAN (UG/L)	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18325L M-TRITH (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)
87-05-21	1130	.006	L.003	L.002	**TC**	L.002	L.002
87-05-21	1131	.006	L.003	L.002	**TC**	L.002	L.002
87-05-21	1132	—	—	—	—	—	—
87-05-21	1133	—	—	—	—	—	—
87-09-17	1330	L.002	L.001	L.001	**TC**	L.001	.001
87-09-17	1331	—	—	—	—	—	—
87-09-17	1335	L.002	L.001	L.001	**TC**	L.001	L.001
87-09-17	1336	—	—	—	—	—	—
MAX		.006	L.001	L.001	—	L.001	.001
MIN		L.002	L.001	L.001	—	L.001	L.001

DATE	TIME	18260L RONNEL (UG/L)	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)
87-05-21	1130	L.002	L.03	L.02	L.02	L.04	L.03
87-05-21	1131	L.002	L.03	L.02	L.02	L.04	L.03
87-05-21	1132	—	—	—	—	—	—
87-05-21	1133	—	—	—	—	—	—
87-09-17	1330	L.001	L.03	L.02	L.02	L.04	L.03
87-09-17	1331	—	—	—	—	—	—
87-09-17	1335	L.001	L.03	L.02	L.02	L.04	L.03
87-09-17	1336	—	—	—	—	—	—
MAX		L.001	L.03	L.02	L.02	L.04	L.03
MIN		L.001	L.03	L.02	L.02	L.04	L.03

DATE	TIME	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)
87-05-21	1130	L.04	L.03	L.01	L.01	L.02	L.02
87-05-21	1131	L.04	L.03	L.01	L.01	L.02	L.02
87-05-21	1132	—	—	—	—	—	—
87-05-21	1133	—	—	—	—	—	—
87-09-17	1330	L.04	L.03	L.01	L.01	L.02	L.02
87-09-17	1331	—	—	—	—	—	—
87-09-17	1335	L.04	L.03	L.01	L.01	L.02	L.02
87-09-17	1336	—	—	—	—	—	—
MAX		L.04	L.03	L.01	L.01	L.02	L.02
MIN		L.04	L.03	L.01	L.01	L.02	L.02

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0021 ST. ELEANORS - WELL #3 PAGE 6

DATE	TIME	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	89290L ALDICARB (UG/L)	89291L ALD OXID (UG/L)	89292L ALD FONE (UG/L)
87-05-21	1130	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-05-21	1131	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-05-21	1132	—	—	—	—	—	—
87-05-21	1133	—	—	—	—	—	—
87-09-17	1330	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-09-17	1331	—	—	—	—	—	—
87-09-17	1335	L.005	L.005	L.005	**TC**	**TC**	**TC**
87-09-17	1336	—	—	—	—	—	—
MAX		L.005	L.005	L.005	—	—	—
MIN		L.005	L.005	L.005	—	—	—

DATE	TIME	89307L CARBARYL (UG/L)	89269L CARBOFUR (UG/L)
87-05-21	1130	**TC**	**TC**
87-05-21	1131	**TC**	**TC**
87-05-21	1132	—	—
87-05-21	1133	—	—
87-09-17	1330	**TC**	**TC**
87-09-17	1331	—	—
87-09-17	1335	**TC**	**TC**
87-09-17	1336	—	—
MAX		—	—
MIN		—	—

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPE01CB0022 ST. ELEANORS - WELL 84 PAGE 1

DATE	TIME	18000L p,p-DDT (UG/L)	18005L o,p-DDT (UG/L)	18010L p,p-DDD (UG/L)	18020L p,p-DDE (UG/L)	18030L p,p-MET (UG/L)	18040L HEPTACHL (UG/L)
88-05-19	1430	——	——	——	——	——	——
88-05-19	1431	L.001	L.001	L.001	L.001	L.01	L.001
88-05-19	1432	——	——	——	——	——	——
88-05-19	1433	L.001	L.001	L.001	L.001	L.01	L.001
88-09-21	1145	——	——	——	——	——	——
88-09-21	1146	——	——	——	——	——	——
88-09-21	1147	L.001	L.001	L.001	L.001	L.01	L.001
88-09-21	1148	L.001	L.001	L.001	L.001	L.01	L.001
MAX		L.001	L.001	L.001	L.001	L.01	L.001
MIN		L.001	L.001	L.001	L.001	L.01	L.001

DATE	TIME	18045L HEPT EPX (UG/L)	18050L A-ENDO (UG/L)	18055L B-ENDO (UG/L)	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)
88-05-19	1430	——	——	——	——	——	——
88-05-19	1431	L.001	L.01	L.01	L.005	L.005	L.001
88-05-19	1432	——	——	——	——	——	——
88-05-19	1433	L.001	L.01	L.01	L.005	L.005	L.001
88-09-21	1145	——	——	——	——	——	——
88-09-21	1146	——	——	——	——	——	——
88-09-21	1147	L.001	L.01	L.01	L.005	L.005	L.001
88-09-21	1148	L.001	L.01	L.01	L.005	L.005	L.001
MAX		L.001	L.01	L.01	L.005	L.005	L.001
MIN		L.001	L.01	L.01	L.005	L.005	L.001

DATE	TIME	18075L A-BHC (UG/L)	18125L MIREX (UG/L)	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)
88-05-19	1430	——	——	——	——	——	——
88-05-19	1431	L.001	L.001	L.001	L.01	L.001	L.005
88-05-19	1432	——	——	——	——	——	——
88-05-19	1433	L.001	L.001	L.001	L.01	L.001	L.005
88-09-21	1145	——	——	——	——	——	——
88-09-21	1146	——	——	——	——	——	——
88-09-21	1147	L.001	L.001	L.001	L.01	L.001	L.005
88-09-21	1148	L.001	L.001	L.001	L.01	L.001	L.005
MAX		L.001	L.001	L.001	L.01	L.001	L.005
MIN		L.001	L.001	L.001	L.01	L.001	L.005

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CB0022 ST. ELEANORS - WELL #4 PAGE 2

DATE	TIME	17820L 1,3DCB (UG/L)	17821L 1,4DCB (UG/L)	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)
88-05-19	1430	——	——	——	——	——	——
88-05-19	1431	L.02	**CD**	L.02	L.004	L.004	L.004
88-05-19	1432	——	——	——	——	——	——
88-05-19	1433	L.02	**CD**	L.02	L.004	L.004	L.004
88-09-21	1145	——	——	——	——	——	——
88-09-21	1146	——	——	——	——	——	——
88-09-21	1147	L.02	**CD**	L.02	L.004	L.004	L.004
88-09-21	1148	L.02	**CD**	L.02	L.004	L.004	L.004
MAX		L.02	——	L.02	L.004	L.004	L.004
MIN		L.02	——	L.02	L.004	L.004	L.004

DATE	TIME	17840L 1235 TECB (UG/L)	17841L 1245 TECB (UG/L)	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L F1 (UG/L)
88-05-19	1430	——	——	——	——	——	——
88-05-19	1431	L.002	L.002	L.002	L.002	L.002	L.004
88-05-19	1432	——	——	——	——	——	——
88-05-19	1433	L.002	L.002	L.002	L.002	L.002	L.004
88-09-21	1145	——	——	——	——	——	——
88-09-21	1146	——	——	——	——	——	——
88-09-21	1147	L.002	L.002	L.002	L.002	L.002	.005
88-09-21	1148	L.002	L.002	L.002	L.002	L.002	.002
MAX		L.002	L.002	L.002	L.002	L.002	.005
MIN		L.002	L.002	L.002	L.002	L.002	L.004

DATE	TIME	18901L B(b)F1 (UG/L)	18903L B(k)F1 (UG/L)	18900L B(a)P (UG/L)	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)
88-05-19	1430	——	——	——	——	——	——
88-05-19	1431	L.001	.001	L.001	L.006	L.006	L.005
88-05-19	1432	——	——	——	——	——	——
88-05-19	1433	L.001	L.001	L.001	L.006	L.006	L.005
88-09-21	1145	——	——	——	——	——	——
88-09-21	1146	——	——	——	——	——	——
88-09-21	1147	L.0008	L.0002	L.0008	L.006	L.006	L.002
88-09-21	1148	L.0008	L.0002	L.0008	L.006	L.006	L.002
MAX		L.0008	.001	L.0008	L.006	L.006	L.002
MIN		L.0008	L.0002	L.0008	L.006	L.006	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0022 ST. ELEANORS - WELL #4 PAGE 3

DATE	TIME	18190L GUTHION (UG/L)	18320L TRITHON (UG/L)	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)
88-05-19	1430	——	——	——	——	——	——
88-05-19	1431	L.005	L.006	L.002	L.001	L.001	L.001
88-05-19	1432	——	——	——	——	——	——
88-05-19	1433	L.005	L.006	L.002	L.001	L.001	L.001
88-09-21	1145	——	——	——	——	——	——
88-09-21	1146	——	——	——	——	——	——
88-09-21	1147	L.004	L.0008	L.009	L.0006	L.0005	L.0003
88-09-21	1148	L.004	L.0008	L.009	L.0006	L.0005	L.0003
MAX		L.004	L.0008	L.009	L.0006	L.0005	L.0003
MIN		L.004	L.0008	L.009	L.0006	L.0005	L.0003

DATE	TIME	18330L FENITRO (UG/L)	18205L IMIDAN (UG/L)	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)
88-05-19	1430	——	——	——	——	——	——
88-05-19	1431	L.001	L.003	L.001	L.001	L.001	L.001
88-05-19	1432	——	——	——	——	——	——
88-05-19	1433	L.001	L.003	L.001	L.001	L.001	L.001
88-09-21	1145	——	——	——	——	——	——
88-09-21	1146	——	——	——	——	——	——
88-09-21	1147	L.0007	**IN**	L.0008	L.0007	L.0006	L.0006
88-09-21	1148	L.0007	L.002	L.0008	L.0007	L.0006	L.0006
MAX		L.0007	L.002	L.0008	L.0007	L.0006	L.0006
MIN		L.0007	L.002	L.0008	L.0007	L.0006	L.0006

DATE	TIME	18260L RONNEL (UG/L)	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)
88-05-19	1430	——	——	——	——	——	——
88-05-19	1431	L.001	L.03	L.02	L.02	L.04	L.03
88-05-19	1432	——	——	——	——	——	——
88-05-19	1433	L.001	L.03	L.02	L.02	L.04	L.03
88-09-21	1145	——	——	——	——	——	——
88-09-21	1146	——	——	——	——	——	——
88-09-21	1147	L.0006	L.03	L.02	L.02	L.04	L.03
88-09-21	1148	L.0006	L.03	L.02	L.02	L.04	L.03
MAX		L.0006	L.03	L.02	L.02	L.04	L.03
MIN		L.0006	L.03	L.02	L.02	L.04	L.03

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0022 ST. ELEANORS - WELL #4

DATE	TIME	17705L 3-4-DCP (UG/L)	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)
88-05-19	1430	—	—	—	—	—	—
88-05-19	1431	L.04	L.03	L.01	L.01	L.02	L.02
88-05-19	1432	—	—	—	—	—	—
88-05-19	1433	L.04	L.03	L.01	L.01	L.02	L.02
88-09-21	1145	—	—	—	—	—	—
88-09-21	1146	—	—	—	—	—	—
88-09-21	1147	L.04	L.03	L.01	L.01	L.02	L.02
88-09-21	1148	L.04	L.03	L.01	L.01	L.02	L.02
MAX		L.04	L.03	L.01	L.01	L.02	L.02
MIN		L.04	L.03	L.01	L.01	L.02	L.02

DATE	TIME	17721L 2356 TECP (UG/L)	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	89290L ALDICARB (UG/L)	89291L ALD OXID (UG/L)	89292L ALD FONE (UG/L)
88-05-19	1430	—	—	—	—	—	—
88-05-19	1431	L.005	L.005	L.005	L.1	.1	.2
88-05-19	1432	—	—	—	—	—	—
88-05-19	1433	L.005	L.005	L.005	L.1	.1	.3
88-09-21	1145	—	—	—	—	—	—
88-09-21	1146	—	—	—	—	—	—
88-09-21	1147	L.005	L.005	L.002	L.05	L.05	.06
88-09-21	1148	L.005	L.005	L.002	L.05	.02	.07
MAX		L.005	L.005	L.002	L.05	.1	.3
MIN		L.005	L.005	L.002	L.05	L.05	.06

DATE	TIME	89307L CARBARYL (UG/L)	89269L CARBOFUR (UG/L)	10101L T ALK (MG/L)	20110L Ca (MG/L)	12107L Mg (MG/L)	11103L Na (MG/L)
88-05-19	1430	—	—	106.7	60.	1.4	11.2
88-05-19	1431	L.1	L.1	—	—	—	—
88-05-19	1432	—	—	105.	60.	1.4	11.4
88-05-19	1433	L.1	L.1	—	—	—	—
88-09-21	1145	—	—	111.9	56.	1.2	10.0
88-09-21	1146	—	—	111.6	57.	1.2	9.9
88-09-21	1147	L.05	L.05	—	—	—	—
88-09-21	1148	L.05	L.05	—	—	—	—
MAX		L.05	L.05	111.9	60.	1.4	11.4
MIN		L.05	L.05	105.	56.	1.2	9.9

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CB0022 ST. ELEANORS - WELL #4 PAGE 5

DATE	TIME	19103L K (MG/L)	17209L Cl (MG/L)	16304L SO4 (MG/L)	16309L SO4 (MG/L)	07110L NO3 NO2 (MG/L)	06107L DOC (MG/L)
88-05-19	1430	.71	32.	12.57	11.7	4.2	L.5
88-05-19	1431	——	——	——	——	——	——
88-05-19	1432	.73	32.	12.43	11.6	4.1	L.5
88-05-19	1433	——	——	——	——	——	——
88-09-21	1145	.77	23.	11.5	11.3	4.5	.6
88-09-21	1146	.75	23.5	11.2	11.2	4.5	.6
88-09-21	1147	——	——	——	——	——	——
88-09-21	1148	——	——	——	——	——	——
MAX		.77	32.	12.57	11.7	4.5	.6
MIN		.71	23.	11.2	11.2	4.1	L.5

DATE	TIME	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)	25304L Mn (MG/L)
88-05-19	1430	9.6	L1.	L.05	.013	.00047	L.01
88-05-19	1431	——	——	——	——	——	——
88-05-19	1432	9.6	L1.	L.05	.015	.00042	L.01
88-05-19	1433	——	——	——	——	——	——
88-09-21	1145	9.6	L1.	L.05	.15	.002	.05
88-09-21	1146	9.5	L1.	L.05	.15	.001	.04
88-09-21	1147	——	——	——	——	——	——
88-09-21	1148	——	——	——	——	——	——
MAX		9.6	L1.	L.05	.15	.002	.05
MIN		9.5	L1.	L.05	.013	.00042	L.01

DATE	TIME	26304L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)	48302L CADMIUM (MG/L)
88-05-19	1430	1.03	L.002	.004	L.01	L.0005	L.001
88-05-19	1431	——	——	——	——	——	——
88-05-19	1432	.96	L.002	.002	L.01	L.0005	L.001
88-05-19	1433	——	——	——	——	——	——
88-09-21	1145	.80	L.002	.002	L.01	L.0005	L.001
88-09-21	1146	.55	L.002	.002	L.01	L.0005	L.001
88-09-21	1147	——	——	——	——	——	——
88-09-21	1148	——	——	——	——	——	——
MAX		1.03	L.002	.004	L.01	L.0005	L.001
MIN		.55	L.002	.002	L.01	L.0005	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0022 ST. ELEANORS - WELL #4 PAGE 6

DATE	TIME	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	02011L COLOR (UNITS)
88-05-19	1430	L.02	L.002	369.	4.0	7.5	L5.
88-05-19	1431	——	——	——	——	——	——
88-05-19	1432	L.02	L.002	370.	7.0	7.6	10.
88-05-19	1433	——	——	——	——	——	——
88-09-21	1145	L.02	L.002	355.	23.	7.8	**IN**
88-09-21	1146	L.02	L.002	344.	14.	7.8	**IN**
88-09-21	1147	——	——	——	——	——	——
88-09-21	1148	——	——	——	——	——	——
MAX		L.02	L.002	370.	23.	7.8	10.
MIN		L.02	L.002	344.	4.0	7.5	L5.

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0018 SUMMERSIDE - WELL 86 PAGE 1

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
86-05-21	1100	L5.	483.	.2	8.0	151.9	80.
86-05-21	1102	L5.	489.	.2	8.1	151.0	80.
86-05-21	1115	—	—	—	—	—	—
86-05-21	1116	—	—	—	—	—	—
86-09-10	1000	—	—	—	—	—	—
86-09-10	1001	—	—	—	—	—	—
86-09-10	1002	L5.	506.	.2	7.8	152.6	81.
86-09-10	1003	L5.	506.	.2	7.8	153.6	81.
87-05-21	1340	—	—	—	—	—	—
87-05-21	1341	—	—	—	—	—	—
87-05-21	1342	L5.	610.	.3	8.1	150.4	83.
87-05-21	1343	L5.	607.	.1	8.1	149.2	83.
87-09-17	1100	—	—	—	—	—	—
87-09-17	1101	L5.	521.	.1	7.9	146.8	82.0
87-09-17	1105	—	—	—	—	—	—
87-09-17	1106	L5.	518.	.1	8.0	145.2	81.0
88-05-19	1300	—	—	—	—	—	—
88-05-19	1302	L5.	533.	.2	7.9	153.5	86.
88-05-19	1303	L5.	542.	.2	7.9	152.3	86.
88-05-19	1304	—	—	—	—	—	—
88-09-21	1000	L5.	562.	.1	7.9	160.7	88.
88-09-21	1001	L5.	560.	.1	7.7	159.5	88.
88-09-21	1002	—	—	—	—	—	—
88-09-21	1003	—	—	—	—	—	—
MAX		L5.	610.	.3	8.1	160.7	88.
MIN		L5.	483.	.1	7.7	145.2	80.

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CB0018 SUMMERSIDE - WELL #6

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17205L Cl (MG/L)	16304L SO4 (MG/L)	07110L NO3 NO2 (MG/L)
86-05-21	1100	2.6	14.5	.98	42.	18.07	3.30
86-05-21	1102	2.6	14.4	.89	42.	17.89	3.40
86-05-21	1115	—	—	—	—	—	—
86-05-21	1116	—	—	—	—	—	—
86-09-10	1000	—	—	—	—	—	—
86-09-10	1001	—	—	—	—	—	—
86-09-10	1002	2.8	14.4	.90	—	17.5	3.2
86-09-10	1003	2.9	14.7	.90	—	17.6	3.1
87-05-21	1340	—	—	—	—	—	—
87-05-21	1341	—	—	—	—	—	—
87-05-21	1342	4.0	32.0	.99	—	20.4	3.1
87-05-21	1343	4.0	32.4	.99	—	20.5	3.1
87-09-17	1100	—	—	—	—	—	—
87-09-17	1101	3.2	18.6	.95	—	17.6	3.6
87-09-17	1105	—	—	—	—	—	—
87-09-17	1106	3.2	18.2	.93	—	17.8	3.6
88-05-19	1300	—	—	—	—	—	—
88-05-19	1302	2.6	18.5	.90	—	21.9	3.3
88-05-19	1303	2.6	18.6	.90	—	17.5	3.5
88-05-19	1304	—	—	—	—	—	—
88-09-21	1000	2.9	20.7	.90	—	18.0	3.8
88-09-21	1001	2.9	20.7	.90	—	14.8	3.0
88-09-21	1002	—	—	—	—	—	—
88-09-21	1003	—	—	—	—	—	—
MAX		4.0	32.4	.99	42.	21.9	3.8
MIN		2.6	14.4	.89	42.	14.8	3.0

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0018 SUMMERSIDE - WELL 86

DATE	TIME	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)
86-05-21	1100	1.1	13.27	**TC**	L.05	L.010	.0003
86-05-21	1102	1.0	13.70	**TC**	L.05	L.010	.0004
86-05-21	1115	—	—	—	—	—	—
86-05-21	1116	—	—	—	—	—	—
86-09-10	1000	—	—	—	—	—	—
86-09-10	1001	—	—	—	—	—	—
86-09-10	1002	.8	13.3	L1.	L.05	L.010	.0004
86-09-10	1003	.8	13.3	L1.	L.05	L.010	.0003
87-05-21	1340	—	—	—	—	—	—
87-05-21	1341	—	—	—	—	—	—
87-05-21	1342	L.5	10.66	L1.	.06	L.010	.0004
87-05-21	1343	L.5	10.59	L1.	.07	L.010	.0004
87-09-17	1100	—	—	—	—	—	—
87-09-17	1101	1.0	13.1	L1.	L.05	L.010	—
87-09-17	1105	—	—	—	—	—	—
87-09-17	1106	1.0	12.8	L1.	L.05	L.010	—
88-05-19	1300	—	—	—	—	—	—
88-05-19	1302	L.5	13.4	1.1	L.05	L.010	.00050
88-05-19	1303	L.5	13.4	1.0	L.05	L.010	.00047
88-05-19	1304	—	—	—	—	—	—
88-09-21	1000	.9	12.9	4.4	L.05	L.010	.001
88-09-21	1001	1.0	12.9	L1.	L.05	L.010	.001
88-09-21	1002	—	—	—	—	—	—
88-09-21	1003	—	—	—	—	—	—
MAX		1.1	13.70	4.4	.07	L.010	.001
MIN		L.5	10.59	L1.	L.05	L.010	.0003

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0018 SUMMERSIDE - WELL 86

DATE	TIME	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)
86-05-21	1100	L.01	.002	L.002	.010	.01	.0007
86-05-21	1102	L.01	.003	.006	.016	.02	.0009
86-05-21	1115	—	—	—	—	—	—
86-05-21	1116	—	—	—	—	—	—
86-09-10	1000	—	—	—	—	—	—
86-09-10	1001	—	—	—	—	—	—
86-09-10	1002	L.01	.003	L.002	L.002	L.01	L.0005
86-09-10	1003	L.01	.002	L.002	L.002	L.01	L.0005
87-05-21	1340	—	—	—	—	—	—
87-05-21	1341	—	—	—	—	—	—
87-05-21	1342	L.01	.007	L.002	L.002	L.01	.0006
87-05-21	1343	L.01	.005	L.002	L.002	L.01	.0006
87-09-17	1100	—	—	—	—	—	—
87-09-17	1101	L.01	.020	L.002	L.002	L.01	.0006
87-09-17	1105	—	—	—	—	—	—
87-09-17	1106	L.01	.019	L.002	L.002	L.01	.0006
88-05-19	1300	—	—	—	—	—	—
88-05-19	1302	L.01	.026	L.002	.007	L.01	.0005
88-05-19	1303	L.01	.027	L.002	.005	L.01	.0005
88-05-19	1304	—	—	—	—	—	—
88-09-21	1000	L.01	L.002	L.002	L.002	L.01	L.0005
88-09-21	1001	L.01	L.002	L.002	L.002	L.01	L.0005
88-09-21	1002	—	—	—	—	—	—
88-09-21	1003	—	—	—	—	—	—
MAX		L.01	.027	.006	.016	.02	.0009
MIN		L.01	L.002	L.002	L.002	L.01	L.0005

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CB0018 SUMMERSIDE - WELL 86

DATE	TIME	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	89350L BROMIDE (MG/L)	18000L p,p-DDT (UG/L)	18005L o,p-DDT (UG/L)
86-05-21	1100	L.001	L.02	L.002	L.1	—	—
86-05-21	1102	L.001	L.02	L.002	L.1	—	—
86-05-21	1115	—	—	—	—	L.001	L.001
86-05-21	1116	—	—	—	—	L.001	L.001
86-09-10	1000	—	—	—	—	L.001	L.001
86-09-10	1001	—	—	—	—	L.001	L.001
86-09-10	1002	L.001	L.02	L.002	**TC**	—	—
86-09-10	1003	L.001	L.02	L.002	**TC**	—	—
87-05-21	1340	—	—	—	—	L.001	L.001
87-05-21	1341	—	—	—	—	L.001	L.001
87-05-21	1342	L.001	L.02	L.002	**TC**	—	—
87-05-21	1343	L.001	L.02	L.002	**TC**	—	—
87-09-17	1100	—	—	—	—	L.001	L.001
87-09-17	1101	L.001	L.02	L.002	**TC**	—	—
87-09-17	1105	—	—	—	—	L.001	L.001
87-09-17	1106	L.001	L.02	L.002	**TC**	—	—
88-05-19	1300	—	—	—	—	L.001	L.001
88-05-19	1302	L.001	L.02	.002	—	—	—
88-05-19	1303	L.001	L.02	L.002	—	—	—
88-05-19	1304	—	—	—	—	L.001	L.001
88-09-21	1000	L.001	L.02	L.002	—	—	—
88-09-21	1001	L.001	L.02	L.002	—	—	—
88-09-21	1002	—	—	—	—	L.001	L.001
88-09-21	1003	—	—	—	—	L.001	L.001
MAX		L.001	L.02	.002	L.1	L.001	L.001
MIN		L.001	L.02	L.002	L.1	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPED1C80018 SUMMERSIDE - WELL 86

DATE	TIME	1B010L p,p-DDD (UG/L)	1B020L p,p-DDE (UG/L)	1B030L p,p-MET (UG/L)	1B040L HEPTACHL (UG/L)	1B045L HEPT EPX (UG/L)	1B050L A-ENDO (UG/L)
86-05-21	1100	—	—	—	—	—	—
86-05-21	1102	—	—	—	—	—	—
86-05-21	1115	L.001	L.001	L.01	L.001	L.001	L.01
86-05-21	1116	L.001	L.001	L.01	L.001	L.001	L.01
86-09-10	1000	L.001	L.001	L.01	L.001	L.001	L.01
86-09-10	1001	L.001	L.001	L.01	L.001	L.001	L.01
86-09-10	1002	—	—	—	—	—	—
86-09-10	1003	—	—	—	—	—	—
87-05-21	1340	L.001	L.001	L.01	L.001	L.001	L.01
87-05-21	1341	L.001	L.001	L.01	L.001	L.001	L.01
87-05-21	1342	—	—	—	—	—	—
87-05-21	1343	—	—	—	—	—	—
87-09-17	1100	L.001	L.001	L.01	L.001	L.001	L.01
87-09-17	1101	—	—	—	—	—	—
87-09-17	1105	L.001	L.001	L.01	L.001	L.001	L.01
87-09-17	1106	—	—	—	—	—	—
88-05-19	1300	L.001	L.001	L.01	L.001	L.001	L.01
88-05-19	1302	—	—	—	—	—	—
88-05-19	1303	—	—	—	—	—	—
88-05-19	1304	L.001	L.001	L.01	L.001	L.001	L.01
88-09-21	1000	—	—	—	—	—	—
88-09-21	1001	—	—	—	—	—	—
88-09-21	1002	L.001	L.001	L.01	L.001	L.001	L.01
88-09-21	1003	L.001	L.001	L.01	L.001	L.001	L.01
MAX		L.001	L.001	L.01	L.001	L.001	L.01
MIN		L.001	L.001	L.01	L.001	L.001	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CB0018 SUMMERSIDE - WELL 86

DATE	TIME	18055L B-ENDO (UG/L)	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)	18075L A-BHC (UG/L)	18125L MIREX (UG/L)
86-05-21	1100	—	—	—	—	—	—
86-05-21	1102	—	—	—	—	—	—
86-05-21	1115	L.01	L.005	L.005	L.001	L.001	L.001
86-05-21	1116	L.01	L.005	L.005	L.001	L.001	L.001
86-09-10	1000	L.01	L.005	L.005	L.001	L.001	L.001
86-09-10	1001	L.01	L.005	L.005	L.001	L.001	L.001
86-09-10	1002	—	—	—	—	—	—
86-09-10	1003	—	—	—	—	—	—
87-05-21	1340	L.01	L.005	L.005	L.001	L.001	L.001
87-05-21	1341	L.01	L.005	L.005	L.001	L.001	L.001
87-05-21	1342	—	—	—	—	—	—
87-05-21	1343	—	—	—	—	—	—
87-09-17	1100	L.01	L.005	L.005	L.001	L.001	L.001
87-09-17	1101	—	—	—	—	—	—
87-09-17	1105	L.01	L.005	L.005	L.001	L.001	L.001
87-09-17	1106	—	—	—	—	—	—
88-05-19	1300	L.01	L.005	L.005	L.001	L.001	L.001
88-05-19	1302	—	—	—	—	—	—
88-05-19	1303	—	—	—	—	—	—
88-05-19	1304	L.01	L.005	L.005	L.001	L.001	L.001
88-09-21	1000	—	—	—	—	—	—
88-09-21	1001	—	—	—	—	—	—
88-09-21	1002	L.01	L.005	L.005	L.001	L.001	L.001
88-09-21	1003	L.01	L.005	L.005	L.001	L.001	L.001
MAX		L.01	L.005	L.005	L.001	L.001	L.001
MIN		L.01	L.005	L.005	L.001	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPE01CB0018 SUMMERSIDE - WELL #6

DATE	TIME	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)	17821L 1,4DCB (UG/L)
86-05-21	1100	——	——	——	——	——	——
86-05-21	1102	——	——	——	——	——	——
86-05-21	1115	L.001	L.01	L.001	L.005	L.02	**CD**
86-05-21	1116	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-10	1000	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-10	1001	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-10	1002	——	——	——	——	——	——
86-09-10	1003	——	——	——	——	——	——
87-05-21	1340	L.001	L.01	L.001	L.005	L.02	L.02
87-05-21	1341	L.001	L.01	L.001	L.005	L.02	L.02
87-05-21	1342	——	——	——	——	——	——
87-05-21	1343	——	——	——	——	——	——
87-09-17	1100	L.001	L.01	L.001	L.005	L.02	**CD**
87-09-17	1101	——	——	——	——	——	——
87-09-17	1105	L.001	L.01	L.001	L.005	L.02	**CD**
87-09-17	1106	——	——	——	——	——	——
88-05-19	1300	L.001	L.01	L.001	L.005	L.02	**CD**
88-05-19	1302	——	——	——	——	——	——
88-05-19	1303	——	——	——	——	——	——
88-05-19	1304	L.001	L.01	L.001	L.005	L.02	**CD**
88-09-21	1000	——	——	——	——	——	——
88-09-21	1001	——	——	——	——	——	——
88-09-21	1002	L.001	L.01	L.001	L.005	L.02	**CD**
88-09-21	1003	L.001	L.01	L.001	L.005	L.02	**CD**
MAX		L.001	L.01	L.001	L.005	L.02	L.02
MIN		L.001	L.01	L.001	L.005	L.02	L.02

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0018 SUMMERSIDE - WELL #6 PAGE 9

DATE	TIME	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)	17841L 1245 TECB (UG/L)
86-05-21	1100	——	——	——	——	——	——
86-05-21	1102	——	——	——	——	——	——
86-05-21	1115	L.02	L.004	L.004	L.004	L.002	L.002
86-05-21	1116	L.02	L.004	L.004	L.004	L.002	L.002
86-09-10	1000	**IN**	L.004	L.004	L.004	L.002	L.002
86-09-10	1001	**IN**	L.004	L.004	L.004	L.002	L.002
86-09-10	1002	——	——	——	——	——	——
86-09-10	1003	——	——	——	——	——	——
87-05-21	1340	L.02	L.004	L.004	L.004	L.002	L.002
87-05-21	1341	L.02	L.004	L.004	L.004	L.002	L.002
87-05-21	1342	——	——	——	——	——	——
87-05-21	1343	——	——	——	——	——	——
87-09-17	1100	L.02	L.004	L.004	L.004	L.002	L.002
87-09-17	1101	——	——	——	——	——	——
87-09-17	1105	L.02	L.004	L.004	L.004	L.002	L.002
87-09-17	1106	——	——	——	——	——	——
88-05-19	1300	L.02	L.004	L.004	L.004	L.002	L.002
88-05-19	1302	——	——	——	——	——	——
88-05-19	1303	——	——	——	——	——	——
88-05-19	1304	L.02	L.004	L.004	L.004	L.002	L.002
88-09-21	1000	——	——	——	——	——	——
88-09-21	1001	——	——	——	——	——	——
88-09-21	1002	L.02	L.004	L.004	L.004	L.002	L.002
88-09-21	1003	L.02	L.004	L.004	L.004	L.002	L.002
MAX		L.02	L.004	L.004	L.004	L.002	L.002
MIN		L.02	L.004	L.004	L.004	L.002	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0018 SUMMERSIDE - WELL 86 PAGE 10

DATE	TIME	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L F1 (UG/L)	18901L B(b)F1 (UG/L)	18903L B(k)F1 (UG/L)
86-05-21	1100	——	——	——	——	——	——
86-05-21	1102	——	——	——	——	——	——
86-05-21	1115	L.002	L.002	L.002	.001	L.001	L.001
86-05-21	1116	L.002	L.002	L.002	.001	L.001	L.001
86-09-10	1000	L.002	L.002	L.002	L.001	L.001	L.001
86-09-10	1001	L.002	L.002	L.002	L.001	L.001	L.001
86-09-10	1002	——	——	——	——	——	——
86-09-10	1003	——	——	——	——	——	——
87-05-21	1340	L.002	L.002	L.002	.001	L.001	L.001
87-05-21	1341	L.002	L.002	L.002	.001	L.001	L.001
87-05-21	1342	——	——	——	——	——	——
87-05-21	1343	——	——	——	——	——	——
87-09-17	1100	L.002	L.002	L.002	.003	L.001	L.001
87-09-17	1101	——	——	——	——	——	——
87-09-17	1105	L.002	L.002	L.002	.002	L.001	L.001
87-09-17	1106	——	——	——	——	——	——
88-05-19	1300	L.002	L.002	L.002	L.004	L.001	L.001
88-05-19	1302	——	——	——	——	——	——
88-05-19	1303	——	——	——	——	——	——
88-05-19	1304	L.002	L.002	L.002	L.004	L.001	L.001
88-09-21	1000	——	——	——	——	——	——
88-09-21	1001	——	——	——	——	——	——
88-09-21	1002	L.002	L.002	L.002	.007	L.0008	L.0002
88-09-21	1003	L.002	L.002	L.002	L.001	L.0008	L.0002
MAX		L.002	L.002	L.002	.007	L.0008	L.0002
MIN		L.002	L.002	L.002	L.001	L.0008	L.0002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0018 SUMMERSIDE - WELL #6 PAGE 11

DATE	TIME	18900L B(a)P (UG/L)	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)	18190L GUTHION (UG/L)	18320L TRITHON (UG/L)
86-05-21	1100	——	——	——	——	——	——
86-05-21	1102	——	——	——	——	——	——
86-05-21	1115	L.001	L.005	L.005	L.003	L.002	L.001
86-05-21	1116	L.001	L.005	L.005	L.003	L.002	L.001
86-09-10	1000	L.001	L.005	L.005	L.002	L.002	L.002
86-09-10	1001	L.001	L.005	L.005	L.002	L.002	L.002
86-09-10	1002	——	——	——	——	——	——
86-09-10	1003	——	——	——	——	——	——
87-05-21	1340	L.001	L.005	L.005	L.002	L.003	.007
87-05-21	1341	L.001	L.005	L.005	L.002	L.003	.002
87-05-21	1342	——	——	——	——	——	——
87-05-21	1343	——	——	——	——	——	——
87-09-17	1100	L.001	L.005	L.005	L.004	L.003	.002
87-09-17	1101	——	——	——	——	——	——
87-09-17	1105	L.001	L.005	L.005	L.004	L.003	L.001
87-09-17	1106	——	——	——	——	——	——
88-05-19	1300	L.001	L.006	L.006	L.005	L.005	L.006
88-05-19	1302	——	——	——	——	——	——
88-05-19	1303	——	——	——	——	——	——
88-05-19	1304	L.001	L.006	L.006	L.005	L.005	L.006
88-09-21	1000	——	——	——	——	——	——
88-09-21	1001	——	——	——	——	——	——
88-09-21	1002	L.0008	L.006	L.006	L.002	L.004	L.0008
88-09-21	1003	L.0008	L.006	L.006	L.002	L.004	L.0008
MAX		L.0008	L.006	L.006	L.002	L.004	.007
MIN		L.0008	L.006	L.006	L.002	L.004	L.0008

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0018 SUMMERSIDE - WELL #6

DATE	TIME	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)	18205L IMIDAN (UG/L)
86-05-21	1100	—	—	—	—	—	—
86-05-21	1102	—	—	—	—	—	—
86-05-21	1115	L.006	L.001	L.001	L.001	L.001	L.004
86-05-21	1116	L.006	L.001	L.001	L.001	L.001	L.004
86-09-10	1000	L.005	L.001	L.001	L.001	L.001	L.004
86-09-10	1001	L.005	L.001	L.001	L.001	L.001	L.004
86-09-10	1002	—	—	—	—	—	—
86-09-10	1003	—	—	—	—	—	—
87-05-21	1340	L.002	L.002	L.002	L.002	L.002	.006
87-05-21	1341	L.002	L.002	L.002	L.002	L.002	L.003
87-05-21	1342	—	—	—	—	—	—
87-05-21	1343	—	—	—	—	—	—
87-09-17	1100	L.002	L.001	L.001	L.001	L.001	L.002
87-09-17	1101	—	—	—	—	—	—
87-09-17	1105	L.002	L.001	L.001	L.001	L.001	L.002
87-09-17	1106	—	—	—	—	—	—
88-05-19	1300	L.002	L.001	L.001	L.001	L.001	L.003
88-05-19	1302	—	—	—	—	—	—
88-05-19	1303	—	—	—	—	—	—
88-05-19	1304	L.002	L.001	L.001	L.001	L.001	L.003
88-09-21	1000	—	—	—	—	—	—
88-09-21	1001	—	—	—	—	—	—
88-09-21	1002	L.009	L.0006	L.0005	L.0003	L.0007	L.002
88-09-21	1003	L.009	L.0006	L.0005	L.0003	L.0007	L.002
MAX		L.009	L.0006	L.0005	L.0003	L.0007	.006
MIN		L.009	L.0006	L.0005	L.0003	L.0007	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPE01CB0018 SUMMERSIDE - WELL 06 PAGE 13

DATE	TIME	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18325L M-TRITH (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)	18260L RONNEL (UG/L)
86-05-21	1100	——	——	——	——	——	——
86-05-21	1102	——	——	——	——	——	——
86-05-21	1115	L.001	L.001	**TC**	L.001	L.001	L.001
86-05-21	1116	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-10	1000	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-10	1001	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-10	1002	——	——	——	——	——	——
86-09-10	1003	——	——	——	——	——	——
87-05-21	1340	L.003	L.002	**TC**	L.002	L.002	L.002
87-05-21	1341	L.003	L.002	**TC**	L.002	L.002	L.002
87-05-21	1342	——	——	——	——	——	——
87-05-21	1343	——	——	——	——	——	——
87-09-17	1100	L.001	L.001	**TC**	L.001	L.001	L.001
87-09-17	1101	——	——	——	——	——	——
87-09-17	1105	L.001	L.001	**TC**	L.001	L.001	L.001
87-09-17	1106	——	——	——	——	——	——
88-05-19	1300	L.001	L.001	——	L.001	L.001	L.001
88-05-19	1302	——	——	——	——	——	——
88-05-19	1303	——	——	——	——	——	——
88-05-19	1304	L.001	L.001	——	L.001	L.001	L.001
88-09-21	1000	——	——	——	——	——	——
88-09-21	1001	——	——	——	——	——	——
88-09-21	1002	L.0008	L.0007	——	L.0006	L.0006	L.0006
88-09-21	1003	L.0008	L.0007	——	L.0006	L.0006	L.0006
MAX		L.0008	L.0007	——	L.0006	L.0006	L.0006
MIN		L.0008	L.0007	——	L.0006	L.0006	L.0006

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0018 SUMMERSIDE - WELL 86 PAGE 14

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
86-05-21	1100	——	——	——	——	——	——
86-05-21	1102	——	——	——	——	——	——
86-05-21	1115	L.03	L.02	L.02	L.04	L.03	L.04
86-05-21	1116	L.03	L.02	L.02	L.04	L.03	L.04
86-09-10	1000	L.03	L.02	L.02	L.04	L.03	L.04
86-09-10	1001	L.03	L.02	L.02	L.04	L.03	L.04
86-09-10	1002	——	——	——	——	——	——
86-09-10	1003	——	——	——	——	——	——
87-05-21	1340	L.03	L.02	L.02	L.04	L.03	L.04
87-05-21	1341	L.03	L.02	L.02	L.04	L.03	L.04
87-05-21	1342	——	——	——	——	——	——
87-05-21	1343	——	——	——	——	——	——
87-09-17	1100	L.03	L.02	L.02	L.04	L.03	L.04
87-09-17	1101	——	——	——	——	——	——
87-09-17	1105	L.03	L.02	L.02	L.04	L.03	L.04
87-09-17	1106	——	——	——	——	——	——
88-05-19	1300	L.03	L.02	L.02	L.04	L.03	L.04
88-05-19	1302	——	——	——	——	——	——
88-05-19	1303	——	——	——	——	——	——
88-05-19	1304	L.03	L.02	L.02	L.04	L.03	L.04
88-09-21	1000	——	——	——	——	——	——
88-09-21	1001	——	——	——	——	——	——
88-09-21	1002	L.03	L.02	L.02	L.04	L.03	L.04
88-09-21	1003	L.03	L.02	L.02	L.04	L.03	L.04
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0018 SUMMERSIDE - WELL 86 PAGE 13

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
86-05-21	1100	—	—	—	—	—	—
86-05-21	1102	—	—	—	—	—	—
86-05-21	1115	L.03	L.01	L.01	L.02	L.02	L.01
86-05-21	1116	L.03	L.01	L.01	L.02	L.02	L.01
86-09-10	1000	L.03	L.01	L.01	L.02	L.02	L.01
86-09-10	1001	L.03	L.01	L.01	L.02	L.02	L.01
86-09-10	1002	—	—	—	—	—	—
86-09-10	1003	—	—	—	—	—	—
87-05-21	1340	L.03	L.01	L.01	L.02	L.02	L.005
87-05-21	1341	L.03	L.01	L.01	L.02	L.02	L.005
87-05-21	1342	—	—	—	—	—	—
87-05-21	1343	—	—	—	—	—	—
87-09-17	1100	L.03	L.01	L.01	L.02	L.02	L.005
87-09-17	1101	—	—	—	—	—	—
87-09-17	1105	L.03	L.01	L.01	L.02	L.02	L.005
87-09-17	1106	—	—	—	—	—	—
88-05-19	1300	L.03	L.01	L.01	L.02	L.02	L.005
88-05-19	1302	—	—	—	—	—	—
88-05-19	1303	—	—	—	—	—	—
88-05-19	1304	L.03	L.01	L.01	L.02	L.02	L.005
88-09-21	1000	—	—	—	—	—	—
88-09-21	1001	—	—	—	—	—	—
88-09-21	1002	L.03	L.01	L.01	L.02	L.02	L.005
88-09-21	1003	L.03	L.01	L.01	L.02	L.02	L.005
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 1OPE01CB0018 SUMMERSIDE - WELL 06

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	89292L ALD FONE (UG/L)	89291L ALD OXID (UG/L)	89290L ALDICARB (UG/L)	89307L CARBARYL (UG/L)
86-05-21	1100	——	——	——	——	——	——
86-05-21	1102	——	——	——	——	——	——
86-05-21	1115	L.01	L.01	L.01	L.01	L.01	L.01
86-05-21	1116	L.01	L.01	L.01	L.01	L.01	L.01
86-09-10	1000	L.01	L.01	L.01	L.01	L.01	L.01
86-09-10	1001	L.01	L.01	L.01	L.01	L.01	L.01
86-09-10	1002	——	——	——	——	——	——
86-09-10	1003	——	——	——	——	——	——
87-05-21	1340	L.005	L.005	**TC**	**TC**	**TC**	**TC**
87-05-21	1341	L.005	L.005	**TC**	**TC**	**TC**	**TC**
87-05-21	1342	——	——	——	——	——	——
87-05-21	1343	——	——	——	——	——	——
87-09-17	1100	L.005	L.005	**TC**	**TC**	**TC**	**TC**
87-09-17	1101	——	——	——	——	——	——
87-09-17	1105	L.005	L.005	**TC**	**TC**	**TC**	**TC**
87-09-17	1106	——	——	——	——	——	——
88-05-19	1300	L.005	L.005	L.1	L.1	L.1	L.1
88-05-19	1302	——	——	——	——	——	——
88-05-19	1303	——	——	——	——	——	——
88-05-19	1304	L.005	L.005	L.1	L.1	L.1	L.1
88-09-21	1000	——	——	——	——	——	——
88-09-21	1001	——	——	——	——	——	——
88-09-21	1002	L.005	.002	L.05	L.05	L.05	L.05
88-09-21	1003	L.005	L.002	L.05	L.05	L.05	L.05
MAX		L.005	.002	L.05	L.05	L.05	L.05
MIN		L.005	L.002	L.05	L.05	L.05	L.05

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0018 SUMMERSIDE - WELL #6 PAGE 17

DATE	TIME	17209L Cl (MG/L)	89269L CARBOFUR (UG/L)	16309L SO4 (MG/L)
86-05-21	1100	——	——	——
86-05-21	1102	——	——	——
86-05-21	1115	——	——	——
86-05-21	1116	——	——	——
86-09-10	1000	——	L.01	——
86-09-10	1001	——	L.01	——
86-09-10	1002	47.2	——	——
86-09-10	1003	49.9	——	——
87-05-21	1340	——	**TC**	——
87-05-21	1341	——	**TC**	——
87-05-21	1342	83.0	——	20.0
87-05-21	1343	83.0	——	20.0
87-09-17	1100	——	**TC**	——
87-09-17	1101	59.	——	17.9
87-09-17	1105	——	**TC**	——
87-09-17	1106	58.	——	17.9
88-05-19	1300	——	L.1	——
88-05-19	1302	57.	——	18.2
88-05-19	1303	55.	——	17.4
88-05-19	1304	——	L.1	——
88-09-21	1000	69.	——	17.5
88-09-21	1001	69.	——	17.5
88-09-21	1002	——	L.05	——
88-09-21	1003	——	L.05	——
MAX		83.0	L.05	20.0
MIN		47.2	L.05	17.4

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 1OPE01CB0017 SUMMERSIDE TOWN WELL #7

DATE	TIME	02011L COLOR (UNITS)	02041L SP COND (USIE/CM)	02073L TURB (JTU)	10301L pH (UNITS)	10101L T ALK (MG/L)	20110L Ca (MG/L)
86-05-21	1220	L5.	515.	.1	8.0	145.7	83.
86-05-21	1222	L5.	514.	.1	7.8	146.1	84.
86-05-21	1225	—	—	—	—	—	—
86-05-21	1226	—	—	—	—	—	—
86-09-10	1030	L5.	515.	.2	7.6	144.	82.
86-09-10	1031	L5.	515.	.2	7.6	147.	83.
86-09-10	1032	—	—	—	—	—	—
86-09-10	1033	—	—	—	—	—	—
87-05-21	1430	—	—	—	—	—	—
87-05-21	1431	—	—	—	—	—	—
87-05-21	1432	L5.	541.	.6	7.9	156.9	87.
87-05-21	1433	L5.	540.	.6	8.1	156.8	87.
87-09-17	1145	—	—	—	—	—	—
87-09-17	1146	L5.	543.	.09	7.9	151.3	88.0
87-09-17	1150	—	—	—	—	—	—
87-09-17	1151	L5.	542.	.1	8.0	151.9	88.0
88-05-19	1220	L5.	548.	.2	7.4	149.1	89.
88-05-19	1221	—	—	—	—	—	—
88-05-19	1222	L5.	545.	.1	7.5	149.3	89.
88-05-19	1223	—	—	—	—	—	—
88-09-21	1045	L5.	580.	.1	7.8	148.	90.
88-09-21	1046	L5.	565.	.1	8.1	147.6	90.
88-09-21	1047	—	—	—	—	—	—
88-09-21	1048	—	—	—	—	—	—
MAX		L5.	580.	.6	8.1	156.9	90.
MIN		L5.	514.	.09	7.4	144.	82.

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 1OPE01CB0017 SUMMERSIDE TOWN WELL #7

DATE	TIME	12107L Mg (MG/L)	11103L Na (MG/L)	19103L K (MG/L)	17205L Cl (MG/L)	16304L SO4 (MG/L)	07110L NO3 NO2 (MG/L)
86-05-21	1220	2.2	16.0	.83	55.	14.07	4.10
86-05-21	1222	2.2	16.1	.86	55.	13.88	3.90
86-05-21	1225	—	—	—	—	—	—
86-05-21	1226	—	—	—	—	—	—
86-09-10	1030	2.2	15.4	.81	—	14.6	3.8
86-09-10	1031	2.2	14.1	.80	—	14.6	3.6
86-09-10	1032	—	—	—	—	—	—
86-09-10	1033	—	—	—	—	—	—
87-05-21	1430	—	—	—	—	—	—
87-05-21	1431	—	—	—	—	—	—
87-05-21	1432	2.5	15.6	.81	—	17.4	4.3
87-05-21	1433	2.5	15.7	.81	—	17.2	4.7
87-09-17	1145	—	—	—	—	—	—
87-09-17	1146	2.5	17.2	.85	—	15.9	4.5
87-09-17	1150	—	—	—	—	—	—
87-09-17	1151	2.5	16.9	.84	—	15.9	4.5
88-05-19	1220	2.3	17.8	.86	—	14.9	3.9
88-05-19	1221	—	—	—	—	—	—
88-05-19	1222	2.3	17.6	.86	—	15.9	4.6
88-05-19	1223	—	—	—	—	—	—
88-09-21	1045	2.4	20.7	.90	—	15.1	4.8
88-09-21	1046	2.4	21.5	.90	—	15.1	4.2
88-09-21	1047	—	—	—	—	—	—
88-09-21	1048	—	—	—	—	—	—
MAX		2.5	21.5	.90	55.	17.4	4.8
MIN		2.2	14.1	.80	55.	13.88	3.6

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0017 SUMMERSIDE TOWN WELL #7

DATE	TIME	06107L DOC (MG/L)	14102L Si (MG/L)	06581L HUMIC A (MG/L)	09105L FLUORIDE (MG/L)	13305L Al (MG/L)	24004L Cr (MG/L)
86-05-21	1220	1.0	12.20	**TC**	L.05	L.010	.0003
86-05-21	1222	.6	11.77	**TC**	L.05	L.010	.0003
86-05-21	1225	—	—	—	—	—	—
86-05-21	1226	—	—	—	—	—	—
86-09-10	1030	.6	12.8	L1.	L.05	L.010	.0004
86-09-10	1031	L.5	12.4	L1.	L.05	L.010	.0004
86-09-10	1032	—	—	—	—	—	—
86-09-10	1033	—	—	—	—	—	—
87-05-21	1430	—	—	—	—	—	—
87-05-21	1431	—	—	—	—	—	—
87-05-21	1432	L.5	10.38	L1.	L.05	L.010	.0003
87-05-21	1433	L.5	10.34	L1.	L.05	L.010	.0004
87-09-17	1145	—	—	—	—	—	—
87-09-17	1146	1.0	12.1	L1.	L.05	L.010	—
87-09-17	1150	—	—	—	—	—	—
87-09-17	1151	1.0	12.4	L1.	L.05	L.010	—
88-05-19	1220	L.5	13.2	L1.	L.05	L.010	.00049
88-05-19	1221	—	—	—	—	—	—
88-05-19	1222	L.5	13.0	L1.	L.05	L.010	.00044
88-05-19	1223	—	—	—	—	—	—
88-09-21	1045	.9	12.4	L1.	L.05	L.010	.001
88-09-21	1046	.6	12.4	L1.	L.05	L.010	.001
88-09-21	1047	—	—	—	—	—	—
88-09-21	1048	—	—	—	—	—	—
MAX		1.0	13.2	L1.	L.05	L.010	.001
MIN		L.5	10.34	L1.	L.05	L.010	.0003

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0017 SUMMERSIDE TOWN WELL #7 PAGE 4

DATE	TIME	25304L Mn (MG/L)	26305L IRON (MG/L)	28302L NICKEL (MG/L)	29305L COPPER (MG/L)	30304L ZINC (MG/L)	33007L ARSENIC (MG/L)
86-05-21	1220	L.01	L.002	L.002	L.002	L.01	.0005
86-05-21	1222	L.01	L.002	L.002	L.002	L.01	.0005
86-05-21	1225	——	——	——	——	——	——
86-05-21	1226	——	——	——	——	——	——
86-09-10	1030	L.01	.015	L.002	L.002	L.01	L.0005
86-09-10	1031	L.01	.016	L.002	L.002	L.01	L.0005
86-09-10	1032	——	——	——	——	——	——
86-09-10	1033	——	——	——	——	——	——
87-05-21	1430	——	——	——	——	——	——
87-05-21	1431	——	——	——	——	——	——
87-05-21	1432	L.01	.05	L.002	.002	.01	L.0005
87-05-21	1433	L.01	.05	L.002	.002	.01	.0005
87-09-17	1145	——	——	——	——	——	——
87-09-17	1146	L.01	L.002	L.002	L.002	L.01	L.0005
87-09-17	1150	——	——	——	——	——	——
87-09-17	1151	L.01	L.002	L.002	L.002	L.01	L.0005
88-05-19	1220	L.01	L.002	.002	.003	L.01	L.0005
88-05-19	1221	——	——	——	——	——	——
88-05-19	1222	L.01	L.002	L.002	.002	L.01	L.0005
88-05-19	1223	——	——	——	——	——	——
88-09-21	1045	L.01	.005	L.002	.002	L.01	L.0005
88-09-21	1046	L.01	.004	L.002	.002	L.01	L.0005
88-09-21	1047	——	——	——	——	——	——
88-09-21	1048	——	——	——	——	——	——
MAX		L.01	.05	.002	.003	.01	.0005
MIN		L.01	L.002	L.002	L.002	L.01	L.0005

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0017 SUMMERSIDE TOWN WELL #7 PAGE 5

DATE	TIME	48302L CADMIUM (MG/L)	80315L MERCURY (UG/L)	82302L LEAD (MG/L)	89350L BROMIDE (MG/L)	18000L p,p-DDT (UG/L)	18005L o,p-DDT (UG/L)
86-05-21	1220	L.001	L.02	L.002	L.1	—	—
86-05-21	1222	L.001	L.02	L.002	L.1	—	—
86-05-21	1225	—	—	—	—	L.001	L.001
86-05-21	1226	—	—	—	—	L.001	L.001
86-09-10	1030	L.001	L.02	L.002	**TC**	—	—
86-09-10	1031	L.001	L.02	L.002	**TC**	—	—
86-09-10	1032	—	—	—	—	L.001	L.001
86-09-10	1033	—	—	—	—	L.001	L.001
87-05-21	1430	—	—	—	—	L.001	L.001
87-05-21	1431	—	—	—	—	L.001	L.001
87-05-21	1432	L.001	L.02	L.002	**TC**	—	—
87-05-21	1433	L.001	L.02	L.002	**TC**	—	—
87-09-17	1145	—	—	—	—	L.001	L.001
87-09-17	1146	L.001	L.02	L.002	**TC**	—	—
87-09-17	1150	—	—	—	—	L.001	L.001
87-09-17	1151	L.001	L.02	L.002	**TC**	—	—
88-05-19	1220	L.001	L.02	L.002	—	—	—
88-05-19	1221	—	—	—	—	L.001	L.001
88-05-19	1222	L.001	L.02	L.002	—	—	—
88-05-19	1223	—	—	—	—	L.001	L.001
88-09-21	1045	L.001	L.02	L.002	—	—	—
88-09-21	1046	L.001	L.02	L.002	—	—	—
88-09-21	1047	—	—	—	—	L.001	L.001
88-09-21	1048	—	—	—	—	L.001	L.001
MAX		L.001	L.02	L.002	L.1	L.001	L.001
MIN		L.001	L.02	L.002	L.1	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CB0017 SUMMERSIDE TOWN WELL #7 PAGE 6

DATE	TIME	18010L p,p-DDD (UG/L)	18020L p,p-DDE (UG/L)	18030L p,p-MET (UG/L)	18040L HEPTACHL (UG/L)	18045L HEPT EPX (UG/L)	18050L A-ENDO (UG/L)
86-05-21	1220	——	——	——	——	——	——
86-05-21	1222	——	——	——	——	——	——
86-05-21	1225	L.001	L.001	L.01	L.001	L.001	L.01
86-05-21	1226	L.001	L.001	L.01	L.001	L.001	L.01
86-09-10	1030	——	——	——	——	——	——
86-09-10	1031	——	——	——	——	——	——
86-09-10	1032	L.001	L.001	L.01	L.001	L.001	L.01
86-09-10	1033	L.001	L.001	L.01	L.001	L.001	L.01
87-05-21	1430	L.001	L.001	L.01	L.001	L.001	L.01
87-05-21	1431	L.001	L.001	L.01	L.001	L.001	L.01
87-05-21	1432	——	——	——	——	——	——
87-05-21	1433	——	——	——	——	——	——
87-09-17	1145	L.001	L.001	L.01	L.001	L.001	L.01
87-09-17	1146	——	——	——	——	——	——
87-09-17	1150	L.001	L.001	L.01	L.001	L.001	L.01
87-09-17	1151	——	——	——	——	——	——
88-05-19	1220	——	——	——	——	——	——
88-05-19	1221	L.001	L.001	L.01	L.001	L.001	L.01
88-05-19	1222	——	——	——	——	——	——
88-05-19	1223	L.001	L.001	L.01	L.001	L.001	L.01
88-09-21	1045	——	——	——	——	——	——
88-09-21	1046	——	——	——	——	——	——
88-09-21	1047	L.001	L.001	L.01	L.001	L.001	L.01
88-09-21	1048	L.001	L.001	L.01	L.001	L.001	L.01
MAX		L.001	L.001	L.01	L.001	L.001	L.01
MIN		L.001	L.001	L.01	L.001	L.001	L.01

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 1OPE01CB0017 SUMMERSIDE TOWN WELL #7 PAGE 7

DATE	TIME	18055L D-ENDO (UG/L)	18060L A-CHLOR (UG/L)	18065L G-CHLOR (UG/L)	18070L G-BHC (UG/L)	18075L A-BHC (UG/L)	18125L MIREX (UG/L)
86-05-21	1220	—	—	—	—	—	—
86-05-21	1222	—	—	—	—	—	—
86-05-21	1225	L.01	L.005	L.005	L.001	L.001	L.001
86-05-21	1226	L.01	L.005	L.005	L.001	L.001	L.001
86-09-10	1030	—	—	—	—	—	—
86-09-10	1031	—	—	—	—	—	—
86-09-10	1032	L.01	L.005	L.005	L.001	L.001	L.001
86-09-10	1033	L.01	L.005	L.005	L.001	L.001	L.001
87-05-21	1430	L.01	L.005	L.005	L.001	L.001	L.001
87-05-21	1431	L.01	L.005	L.005	L.001	L.001	L.001
87-05-21	1432	—	—	—	—	—	—
87-05-21	1433	—	—	—	—	—	—
87-09-17	1145	L.01	L.005	L.005	L.001	L.001	L.001
87-09-17	1146	—	—	—	—	—	—
87-09-17	1150	L.01	L.005	L.005	L.01	L.001	L.001
87-09-17	1151	—	—	—	—	—	—
88-05-19	1220	—	—	—	—	—	—
88-05-19	1221	L.01	L.005	L.005	L.001	L.001	L.001
88-05-19	1222	—	—	—	—	—	—
88-05-19	1223	L.01	L.005	L.005	L.001	L.001	L.001
88-09-21	1045	—	—	—	—	—	—
88-09-21	1046	—	—	—	—	—	—
88-09-21	1047	L.01	L.005	L.005	L.001	L.001	L.001
88-09-21	1048	L.01	L.005	L.005	L.001	L.001	L.001
MAX		L.01	L.005	L.005	L.001	L.001	L.001
MIN		L.01	L.005	L.005	L.001	L.001	L.001

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0017 SUMMERSIDE TOWN WELL #7 PAGE 8

DATE	TIME	18130L ALDRIN (UG/L)	18140L ENDRIN (UG/L)	18150L DIELDRIN (UG/L)	18164L PCB s (UG/L)	17820L 1,3DCB (UG/L)	17821L 1,4DCB (UG/L)
86-05-21	1220	——	——	——	——	——	——
86-05-21	1222	——	——	——	——	——	——
86-05-21	1225	L.001	L.01	L.001	L.005	L.02	**CD**
86-05-21	1226	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-10	1030	——	——	——	——	——	——
86-09-10	1031	——	——	——	——	——	——
86-09-10	1032	L.001	L.01	L.001	L.005	L.02	**CD**
86-09-10	1033	L.001	L.01	L.001	L.005	L.02	**CD**
87-05-21	1430	L.001	L.01	L.001	L.005	L.02	L.02
87-05-21	1431	L.001	L.01	L.001	L.005	L.02	L.02
87-05-21	1432	——	——	——	——	——	——
87-05-21	1433	——	——	——	——	——	——
87-09-17	1145	L.001	L.01	L.001	L.005	L.02	**CD**
87-09-17	1146	——	——	——	——	——	——
87-09-17	1150	L.001	L.01	L.001	L.005	L.02	**CD**
87-09-17	1151	——	——	——	——	——	——
88-05-19	1220	——	——	——	——	——	——
88-05-19	1221	L.001	L.01	L.001	L.005	L.02	**CD**
88-05-19	1222	——	——	——	——	——	——
88-05-19	1223	L.001	L.01	L.001	L.005	L.02	**CD**
88-09-21	1045	——	——	——	——	——	——
88-09-21	1046	——	——	——	——	——	——
88-09-21	1047	L.001	L.01	L.001	L.005	L.02	**CD**
88-09-21	1048	L.001	L.01	L.001	L.005	L.02	**CD**
MAX		L.001	L.01	L.001	L.005	L.02	L.02
MIN		L.001	L.01	L.001	L.005	L.02	L.02

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0017 SUMMERSIDE TOWN WELL #7 PAGE 9

DATE	TIME	17822L 1,2DCB (UG/L)	17830L 1,3,5TCB (UG/L)	17831L 1,2,4TCB (UG/L)	17832L 1,2,3TCB (UG/L)	17840L 1235 TECB (UG/L)	17841L 1245 TECB (UG/L)
86-05-21	1220	——	——	——	——	——	——
86-05-21	1222	——	——	——	——	——	——
86-05-21	1225	L.02	L.004	L.004	L.004	L.002	L.002
86-05-21	1226	L.02	L.004	L.004	L.004	L.002	L.002
86-09-10	1030	——	——	——	——	——	——
86-09-10	1031	——	——	——	——	——	——
86-09-10	1032	**IN**	L.004	L.004	L.004	L.002	L.002
86-09-10	1033	**IN**	L.004	L.004	L.004	L.002	L.002
87-05-21	1430	L.02	L.004	L.004	L.004	L.002	L.002
87-05-21	1431	L.02	L.004	L.004	L.004	L.002	L.002
87-05-21	1432	——	——	——	——	——	——
87-05-21	1433	——	——	——	——	——	——
87-09-17	1145	L.02	L.004	L.004	L.004	L.002	L.002
87-09-17	1146	——	——	——	——	——	——
87-09-17	1150	L.02	L.004	L.004	L.004	L.002	L.002
87-09-17	1151	——	——	——	——	——	——
88-05-19	1220	——	——	——	——	——	——
88-05-19	1221	L.02	L.004	L.004	L.004	L.002	L.002
88-05-19	1222	——	——	——	——	——	——
88-05-19	1223	L.02	L.004	L.004	L.004	L.002	L.002
88-09-21	1045	——	——	——	——	——	——
88-09-21	1046	——	——	——	——	——	——
88-09-21	1047	L.02	L.004	L.004	L.004	L.002	L.002
88-09-21	1048	L.02	L.004	L.004	L.004	L.002	L.002
MAX		L.02	L.004	L.004	L.004	L.002	L.002
MIN		L.02	L.004	L.004	L.004	L.002	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0017 SUMMERSIDE TOWN WELL #7 PAGE 10

DATE	TIME	17842L 1234 TECB (UG/L)	17850L PENTA (UG/L)	17812L HCB (UG/L)	18904L F1 (UG/L)	18901L B(b)F1 (UG/L)	18903L B(k)F1 (UG/L)
86-05-21	1220	—	—	—	—	—	—
86-05-21	1222	—	—	—	—	—	—
86-05-21	1225	L.002	L.002	L.002	.002	L.001	L.001
86-05-21	1226	L.002	L.002	L.002	.001	L.001	L.001
86-09-10	1030	—	—	—	—	—	—
86-09-10	1031	—	—	—	—	—	—
86-09-10	1032	L.002	L.002	L.002	L.001	L.001	L.001
86-09-10	1033	L.002	L.002	L.002	L.001	L.001	L.001
87-05-21	1430	L.002	L.002	L.002	.002	L.001	L.001
87-05-21	1431	L.002	L.002	L.002	.003	L.001	L.001
87-05-21	1432	—	—	—	—	—	—
87-05-21	1433	—	—	—	—	—	—
87-09-17	1145	L.002	L.002	L.002	.001	L.001	L.001
87-09-17	1146	—	—	—	—	—	—
87-09-17	1150	L.002	L.002	L.002	.002	L.001	L.001
87-09-17	1151	—	—	—	—	—	—
88-05-19	1220	—	—	—	—	—	—
88-05-19	1221	L.002	L.002	L.002	L.004	L.001	L.001
88-05-19	1222	—	—	—	—	—	—
88-05-19	1223	L.002	L.002	L.002	L.004	L.001	L.001
88-09-21	1045	—	—	—	—	—	—
88-09-21	1046	—	—	—	—	—	—
88-09-21	1047	L.002	L.002	L.002	.002	L.0008	L.0002
88-09-21	1048	L.002	L.002	L.002	.001	L.0008	L.0002
MAX		L.002	L.002	L.002	.003	L.0008	L.0002
MIN		L.002	L.002	L.002	L.004	L.0008	L.0002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0017 SUMMERSIDE TOWN WELL #7 PAGE 11

DATE	TIME	18900L B(a)P (UG/L)	18905L INDENO (UG/L)	18902L B(ghi)Pe (UG/L)	18195L AZIN-ETH (UG/L)	18190L EUTHION (UG/L)	18320L TRITHON (UG/L)
86-05-21	1220	——	——	——	——	——	——
86-05-21	1222	——	——	——	——	——	——
86-05-21	1225	L.001	L.005	L.005	L.003	L.002	L.001
86-05-21	1226	L.001	L.005	L.005	L.003	L.002	L.001
86-09-10	1030	——	——	——	——	——	——
86-09-10	1031	——	——	——	——	——	——
86-09-10	1032	L.001	L.005	L.005	L.002	L.002	**IN**
86-09-10	1033	L.001	L.005	L.005	L.002	L.002	L.002
87-05-21	1430	L.001	L.005	L.005	L.002	L.003	L.002
87-05-21	1431	L.001	L.005	L.005	L.002	L.003	.016
87-05-21	1432	——	——	——	——	——	——
87-05-21	1433	——	——	——	——	——	——
87-09-17	1145	L.001	L.005	L.005	L.004	L.003	L.001
87-09-17	1146	——	——	——	——	——	——
87-09-17	1150	L.001	L.005	L.005	L.004	L.003	L.001
87-09-17	1151	——	——	——	——	——	——
88-05-19	1220	——	——	——	——	——	——
88-05-19	1221	L.001	L.006	L.006	L.005	L.005	L.006
88-05-19	1222	——	——	——	——	——	——
88-05-19	1223	L.001	L.006	L.006	L.005	L.005	L.006
88-09-21	1045	——	——	——	——	——	——
88-09-21	1046	——	——	——	——	——	——
88-09-21	1047	L.0008	L.006	L.006	L.002	L.004	L.0008
88-09-21	1048	L.0008	L.006	L.006	L.002	L.004	L.0008
MAX		L.0008	L.006	L.006	L.002	L.004	.016
MIN		L.0008	L.006	L.006	L.002	L.004	L.0008

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CB0017 SUMMERSIDE TOWN WELL #7 PAGE 12

DATE	TIME	18230L RUELENE (UG/L)	18270L DIAZINON (UG/L)	18215L DISYSTON (UG/L)	18310L ETHION (UG/L)	18330L FENITRO (UG/L)	18205L IMIDAN (UG/L)
86-05-21	1220	—	—	—	—	—	—
86-05-21	1222	—	—	—	—	—	—
86-05-21	1225	L.006	L.001	L.001	L.001	L.001	L.004
86-05-21	1226	L.006	L.001	L.001	L.001	L.001	L.004
86-09-10	1030	—	—	—	—	—	—
86-09-10	1031	—	—	—	—	—	—
86-09-10	1032	L.005	L.001	L.001	L.001	L.001	L.004
86-09-10	1033	L.005	L.001	L.001	L.001	L.001	L.004
87-05-21	1430	L.002	L.002	L.002	L.002	L.002	L.003
87-05-21	1431	L.002	L.002	L.002	L.002	L.002	.008
87-05-21	1432	—	—	—	—	—	—
87-05-21	1433	—	—	—	—	—	—
87-09-17	1145	L.002	L.001	L.001	L.001	L.001	L.002
87-09-17	1146	—	—	—	—	—	—
87-09-17	1150	L.002	L.001	L.001	L.001	L.001	L.002
87-09-17	1151	—	—	—	—	—	—
88-05-19	1220	—	—	—	—	—	—
88-05-19	1221	L.002	L.001	L.001	L.001	L.001	L.003
88-05-19	1222	—	—	—	—	—	—
88-05-19	1223	L.002	L.001	L.001	L.001	L.001	L.003
88-09-21	1045	—	—	—	—	—	—
88-09-21	1046	—	—	—	—	—	—
88-09-21	1047	L.009	L.0006	L.0005	L.0003	L.0007	L.002
88-09-21	1048	L.009	L.0006	L.0005	L.0003	L.0007	L.002
MAX		L.009	L.0006	L.0005	L.0003	L.0007	.008
MIN		L.009	L.0006	L.0005	L.0003	L.0007	L.002

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0017 SUMMERSIDE TOWN WELL #7 PAGE 13

DATE	TIME	18250L MALATHI (UG/L)	18245L M-PARA (UG/L)	18325L M-TRITH (UG/L)	18240L PARATH (UG/L)	18300L PHORATE (UG/L)	18260L RONNEL (UG/L)
86-05-21	1220	——	——	——	——	——	——
86-05-21	1222	——	——	——	——	——	——
86-05-21	1225	L.001	L.001	**TC**	L.001	L.001	L.001
86-05-21	1226	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-10	1030	——	——	——	——	——	——
86-09-10	1031	——	——	——	——	——	——
86-09-10	1032	L.001	L.001	**TC**	L.001	L.001	L.001
86-09-10	1033	L.001	L.001	**TC**	L.001	L.001	L.001
87-05-21	1430	L.003	L.002	**TC**	L.002	L.002	L.002
87-05-21	1431	L.003	L.002	**TC**	L.002	L.002	L.002
87-05-21	1432	——	——	——	——	——	——
87-05-21	1433	——	——	——	——	——	——
87-09-17	1145	L.001	L.001	**TC**	L.001	L.001	L.001
87-09-17	1146	——	——	——	——	——	——
87-09-17	1150	L.001	L.001	**TC**	L.001	L.001	L.001
87-09-17	1151	——	——	——	——	——	——
88-05-19	1220	——	——	——	——	——	——
88-05-19	1221	L.001	L.001	——	L.001	L.001	L.001
88-05-19	1222	——	——	——	——	——	——
88-05-19	1223	L.001	L.001	——	L.001	L.001	L.001
88-09-21	1045	——	——	——	——	——	——
88-09-21	1046	——	——	——	——	——	——
88-09-21	1047	L.0008	L.0007	——	L.0006	L.0006	L.0006
88-09-21	1048	L.0008	L.0007	——	L.0006	L.0006	L.0006
MAX		L.0008	L.0007	——	L.0006	L.0006	L.0006
MIN		L.0008	L.0007	——	L.0006	L.0006	L.0006

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CB0017 SUMMERSIDE TOWN WELL #7 PAGE 14

DATE	TIME	17704L 2-6-DCP (UG/L)	17703L 2-5-DCP (UG/L)	17702L 2-4-DCP (UG/L)	17706L 3-5-DCP (UG/L)	17701L 2-3-DCP (UG/L)	17705L 3-4-DCP (UG/L)
86-05-21	1220	——	——	——	——	——	——
86-05-21	1222	——	——	——	——	——	——
86-05-21	1225	L.03	L.02	L.02	L.04	L.03	L.04
86-05-21	1226	L.03	L.02	L.02	L.04	L.03	L.04
86-09-10	1030	——	——	——	——	——	——
86-09-10	1031	——	——	——	——	——	——
86-09-10	1032	L.03	L.02	L.02	L.04	L.03	L.04
86-09-10	1033	L.03	L.02	L.02	L.04	L.03	L.04
87-05-21	1430	L.03	L.02	L.02	L.04	L.03	L.04
87-05-21	1431	L.03	L.02	L.02	L.04	L.03	L.04
87-05-21	1432	——	——	——	——	——	——
87-05-21	1433	——	——	——	——	——	——
87-09-17	1145	L.03	L.02	L.02	L.04	L.03	L.04
87-09-17	1146	——	——	——	——	——	——
87-09-17	1150	L.03	L.02	L.02	L.04	L.03	L.04
87-09-17	1151	——	——	——	——	——	——
88-05-19	1220	——	——	——	——	——	——
88-05-19	1221	L.03	L.02	L.02	L.04	L.03	L.04
88-05-19	1222	——	——	——	——	——	——
88-05-19	1223	L.03	L.02	L.02	L.04	L.03	L.04
88-09-21	1045	——	——	——	——	——	——
88-09-21	1046	——	——	——	——	——	——
88-09-21	1047	L.03	L.02	L.02	L.04	L.03	L.04
88-09-21	1048	L.03	L.02	L.02	L.04	L.03	L.04
MAX		L.03	L.02	L.02	L.04	L.03	L.04
MIN		L.03	L.02	L.02	L.04	L.03	L.04

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0017 SUMMERSIDE TOWN WELL #7

DATE	TIME	17713L 2-4-6TCP (UG/L)	17712L 2-3-6TCP (UG/L)	17711L 2-3-5TCP (UG/L)	17710L 2-3-4TCP (UG/L)	17715L 3-4-5TCP (UG/L)	17721L 2356 TECP (UG/L)
86-05-21	1220	—	—	—	—	—	—
86-05-21	1222	—	—	—	—	—	—
86-05-21	1225	L.03	L.01	L.01	L.02	L.02	L.01
86-05-21	1226	L.03	L.01	L.01	L.02	L.02	L.01
86-09-10	1030	—	—	—	—	—	—
86-09-10	1031	—	—	—	—	—	—
86-09-10	103[illegible]	L.03	L.01	L.01	L.02	L.02	L.01
86-09-10	10[illegible]	L.03	L.01	L.01	L.02	L.02	L.01
87-05-21	1430	L.03	L.01	L.01	L.02	L.02	L.005
87-05-21	1431	L.03	L.01	L.01	L.02	L.02	L.005
87-05-21	1432	—	—	—	—	—	—
87-05-21	1433	—	—	—	—	—	—
87-09-17	1145	L.03	L.01	L.01	L.02	L.02	L.005
87-09-17	1146	—	—	—	—	—	—
87-09-17	1150	L.03	L.01	L.01	L.02	L.02	L.005
87-09-17	1151	—	—	—	—	—	—
88-05-19	1220	—	—	—	—	—	—
88-05-19	1221	L.03	L.01	L.01	L.02	L.02	L.005
88-05-19	1222	—	—	—	—	—	—
88-05-19	1223	L.03	L.01	L.01	L.02	L.02	L.005
88-09-21	1045	—	—	—	—	—	—
88-09-21	1046	—	—	—	—	—	—
88-09-21	1047	L.03	L.01	L.01	L.02	L.02	L.005
88-09-21	1048	L.03	L.01	L.01	L.02	L.02	L.005
MAX		L.03	L.01	L.01	L.02	L.02	L.005
MIN		L.03	L.01	L.01	L.02	L.02	L.005

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER-- 10PE01CB0017 SUMMERSIDE TOWN WELL #7 PAGE 16

DATE	TIME	17720L 2345 TCP (UG/L)	17804L PCP (UG/L)	89292L ALD FOME. (UG/L)	89291L ALD OXID (UG/L)	89290L ALDICARB (UG/L)	89307L CARBARYL (UG/L)
86-05-21	1220	—	—	—	—	—	—
86-05-21	1222	—	—	—	—	—	—
86-05-21	1225	L.01	L.01	L.01	L.01	L.01	L.01
86-05-21	1226	L.01	L.01	L.01	L.01	L.01	L.01
86-09-10	1030	—	—	—	—	—	—
86-09-10	1031	—	—	—	—	—	—
86-09-10	1032	L.01	L.01	L.01	L.01	L.01	L.01
86-09-10	1033	L.01	L.01	L.01	L.01	L.01	L.01
87-05-21	1430	L.005	L.005	**TC**	**TC**	**TC**	**TC**
87-05-21	1431	L.005	L.005	**TC**	**TC**	**TC**	**TC**
87-05-21	1432	—	—	—	—	—	—
87-05-21	1433	—	—	—	—	—	—
87-09-17	1145	L.005	L.005	**TC**	**TC**	**TC**	**TC**
87-09-17	1146	—	—	—	—	—	—
87-09-17	1150	L.005	L.005	**TC**	**TC**	**TC**	**TC**
87-09-17	1151	—	—	—	—	—	—
88-05-19	1220	—	—	—	—	—	—
88-05-19	1221	L.005	L.005	L.1	L.1	L.1	L.1
88-05-19	1222	—	—	—	—	—	—
88-05-19	1223	L.005	L.005	L.1	L.1	L.1	L.1
88-09-21	1045	—	—	—	—	—	—
88-09-21	1046	—	—	—	—	—	—
88-09-21	1047	L.005	L.002	L.05	L.05	L.05	L.05
88-09-21	1048	L.005	L.002	L.05	L.05	L.05	L.05
MAX		L.005	L.002	L.05	L.05	L.05	L.05
MIN		L.005	L.002	L.05	L.05	L.05	L.05

ENVIRONMENT CANADA
WATER QUALITY BRANCH
MONCTON, N.B.

STATION NUMBER— 10PE01CB0017 SUMMERSIDE TOWN WELL #7 PAGE 17

DATE	TIME	89269L CARBOFUR (UG/L)	17209L Cl (MG/L)	16309L SO4 (MG/L)
86-05-21	1220	—	—	—
86-05-21	1222	—	—	—
86-05-21	1225	—	—	—
86-05-21	1226	—	—	—
86-09-10	1030	—	57.8	—
86-09-10	1031	—	57.8	—
86-09-10	1032	L.01	—	—
86-09-10	1033	L.01	—	—
87-05-21	1430	**TC**	—	—
87-05-21	1431	**TC**	—	—
87-05-21	1432	—	56.0	16.1
87-05-21	1433	—	56.0	17.4
87-09-17	1145	**TC**	—	—
87-09-17	1146	—	61.	15.3
87-09-17	1150	**TC**	—	—
87-09-17	1151	—	61.	15.3
88-05-19	1220	—	61.	14.5
88-05-19	1221	L.1	—	—
88-05-19	1222	—	65.	15.2
88-05-19	1223	L.1	—	—
88-09-21	1045	—	75.	15.0
88-09-21	1046	—	75.	14.8
88-09-21	1047	L.05	—	—
88-09-21	1048	L.05	—	—
MAX		L.05	75.	17.4
MIN		L.05	56.0	14.5

APPENDIX III

HEALTH AND WELFARE CANADA, VOLATILE ORGANIC MATERIALS DATA

VOLATILE ORGANIC (VO) COMPOUNDS STUDIED re TOXIC CHEMICAL SURVEY — ATLANTIC PROVINCES — PAGE 1

GROUP	COMPOUND	Mol.FORMULA		COLUMN #	M.Q.L ug/L	MDL (1988)	Guide lines (ug/L) HMAC '78	MHD '83	EPA
Cl-halogenated	chloromethane	CH3Cl		1	5.0	2.0			
	bromomethane	CH3Br		2	2.0	2.0			
	dichloromethane	CH2Cl2		3	1.0	0.5			
	chloroform (THM)	CHCl3		4	0.5	0.2	350 (a)	30	100 (b)
	bromodichloromethane (THM)	CHBrCl2		5	1.0	0.2			
	chlorodibromomethane (THM)	CHBr2Cl		6	2.0	1.0			
	bromoform (THM)	CHBr3		7	2.0	2.0			
	dichlorofluoromethane	CHCl2F	*	8	5.0				
	trichlorofluoromethane	CCl3F		9	2.0	1.0			
	carbon tetrachloride	CCl4		10	0.5	0.2		3	5 (b)
Chloro-alkanes	chloroethane	C2H5Cl		11	5.0	5.0			
	"1,1-dichloroethane"	C2H4Cl2		12	0.5	0.2			
	"1,2-dichloroethane"	C2H4Cl2		13	1.0	0.2		10	5 (b)
	"1,1,1-trichloroethane"	C2H3Cl3		14	0.5	0.2			200 (b)
	"1,1,2-trichloroethane"	C2H3Cl3		15	2.0	1.0			
	"1,1,2,2-tetrachloroethane"	C2H2Cl4		16	2.0	1.0			
	1-bromo-2-chloroethane	C2H4BrCl		17	2.0	0.5			
	"1,2-dibromoethane"	C2H4Br2		18	2.0	1.0			
	pentachloroethane	C2HCl5		19	1.0	0.5			
	hexachloroethane	C2Cl6		20	1.0	0.5			
	"1,1,2-trichlorotrifluoroethane"	C2Cl3F3		21	2.0	1.0			
	"1,2-dichloropropane"	C3H6Cl2		22	1.0	0.2			
Chloro-alkenes	vinyl chloride	C2H3Cl		23	5.0	2.0			1 (b)
	"1,1-dichloroethene"	C2H2Cl2		24	1.0	0.5		0.3	7 (b)
	"trans-1,2-dichloroethene"	C2H2Cl2		25	0.5	0.2			7 (b)
	"cis-1,2-dichloroethene"	C2H2Cl2	*	26	0.5	0.2			
	trichloroethene	C2HCl3		27	0.5	0.2		30	5 (b)
	tetrachloroethene	C2Cl4		28	0.5	0.5			
	3-chloropropene	C3H5Cl	**	29	2.0				
	"trans-1,3-dichloropropene"	C3H4Cl2		30	1.0	0.5			
	"cis-1,3-dichloropropene"	C3H4Cl2		31	1.0	0.5			
	"2,3-dichloropropene"	C3H4Cl2	**	32	2.0				
	"1,1,2,2,-tetrachloropropene"	C3H2Cl4	**	33	2.0				

VOLATILE ORGANIC (VO) COMPOUNDS STUDIED re TOXIC CHEMICAL SURVEY — ATLANTIC PROVINCES — PAGE 2

GROUP	COMPOUND	Mol.FORMULA	COLUMN #	M.D.L ug/L	MAC (1988)	Guide lines (ug/L) HMAC '78	NHD '83	EPA
Aromatics	benzene	C6H6	34	0.5	0.1		10	5 (b)
	toluene	(CH3)C6H5	35	0.5	0.2			2000 (c)
	ethylbenzene	(C2H5)C6H5	36	0.5	0.2			680 (c)
	styrene	(C2H3)C6H5	37	0.5	0.2			140 (c)
	o-xylene	(CH3)2C6H4	38	0.5	0.2			440 (c)
	m/p-xylene	(CH3)2C6H4	39	0.5	0.2			*** *
	isopropylbenzene	(C3H7)C6H5	* 40	0.2	0.1			
	n-propylbenzene	(C3H7)C6H5	* 41	0.2	0.1			
	1-ethyl-3(4)methylbenzene	(C2H5)(CH3)C6H4	* 42	0.2	0.1			
	1-ethyl-2-methylbenzene	(C2H5)(CH3)C6H4	* 43	0.2	0.1			
	"1,3,5-trimethylbenzene"	(CH3)3C6H3	* 44	0.2	0.1			
	"1,2,4-trimethylbenzene"	(CH3)3C6H3	* 45	0.2	0.1			
	"1,2,3-trimethylbenzene"	(CH3)3C6H3	* 46	0.2	0.1			
	"1,3-diethylbenzene"	(C2H5)2C6H4	* 47	0.2	0.1			
	"1,4-diethylbenzene"	(C2H5)2C6H4	* 49	0.2	0.1			
	"1,2-diethylbenzene"	(C2H5)2C6H4	* 49	0.2	0.1			
	chlorobenzene	C6H5Cl	50	0.5	0.2		(d)	60 (c)
	bromobenzene	C6H5Br	51	1.0	0.5			
	"1,2-dichlorobenzene"	C6H4Cl2	52	0.5	0.2		(d)	620 (c)
	"1,3-dichlorobenzene"	C6H4Cl2	53	0.5	0.2		(d)	
	"1,4-dichlorobenzene"	C6H4Cl2	54	0.5	0.2		(d)	750 (c)
	"1,2,4-trichlorobenzene"	C6H3Cl3	55	1.0	0.5		(d)	750 (c)
Miscellaneous	2-chloroethyl vinyl ether	(C2H4Cl)(C2H3)O	56	2.0				
	acrolein (2-propenal)	CH2CHCHO	57	25.0	10.0			
	acrylonitrile (vinyl cyanide)	CH2CHCN	58	10.0	5.0			
	dichloroacetonitrile	CHCl2CN	59	15.0	5.0			
	"1,4-dioxane"	C4H8O2	** 60	500.0				
	hexachlorobutadiene (HCBD)	C4Cl6	61	1.0	0.5			
	carbon disulfide	CS2	** 62	5.0				

**- deleted for 1987 study

a - MAC = maximum acceptable concentration
b - MCL = maximum contaminant level (enforceable)
c - RMCL recommended contaminant level (non-enforceable)
d - no health guideline: odor threshol d = 0.1-10 ug/L
* - new compound for 1987 study

VOLATILE ORGANIC (VO) COMPOUNDS IN ATLANTIC DRINKING WATER SOURCES — PRINCE EDWARD ISLAND 1986 — PAGE 1

Site Prov	Type Tr/Raw	Date	type REP/QCD	3 CH2Cl2	4 CHCl3	5 CHCl2Br	9 CCl3F	21 C2Cl3F3 112F3-	27 C2HCl3	28 C2Cl4	35 Toluene
M Q L				1.0	0.5	1.0	2.0	2.0	0.5	0.5	0.5
Charlottetown	Raw	May 20'86		T(0.5)	T(0.4)	-	-		-	T(0.1)	0.6
Brackley	Tr	May 20'86		T(0.3)	T(0.2)	1.8	-		-	-	T(0.2)
well#9	Raw	Sep 09'86		T(0.3)	-	-	-		-	-	-
	Tr	Sep 09'86		T(0.3)	T(0.2)	-	-		-	-	-
Charlottetown	Raw	May 20'86		T(0.6)	T(0.3)	-	-		-	-	T(0.4)
Union well#5	Tr	May 20'86		T(0.2)	T(0.2)	-	-		-	-	-
	Raw	Sep 09'86		T(0.2)	T(0.2)	-	-		-	-	-
	Tr	Sep 09'86		T(0.2)	T(0.2)	-	-		-	-	-
Parkdale PEI	Raw	May 20'86		T(0.6)	T(0.3)	-	-		-	-	T(0.4)
Ellis Rd well	Tr	May 20'86		T(0.4)	-				-	-	-
	Raw	Sep 09'86		T(0.2)	T(0.2)	-	-		-	-	-
	Tr	#N/A									
Summerside	Raw	May 21'86		T(0.4)	-	-	-		-	-	T(0.2)
Well#6	Tr	#N/A									
	Raw	Sep 10'86		T(0.3)	-	-	-		-	-	-
	Tr	#N/A									
Summerside	Raw	May21'86		T(0.3)	-	-	-		T(0.2)	2.5	-
Well#7	Tr	#N/A									
	Raw	Sep 10'86		T(0.2)	T(0.1)	-	-		T(0.2)	2.0	-
	Tr	#N/A									
St. Eleanors	Raw	May 21'86		T(0.3)	-	-	-		-	-	-
Well#2	Tr	#N/A									
	Raw	Sep 10'86		T(0.3)	-	-	2.0		-	-	-
	Raw	Sep 10'86		T(0.1)	-	-	T(1.7)		-	-	T(0.3)
	Tr	#N/A									
Kensington	Raw	May 21'86		T(0.6)	T(0.2)	-	-		-	-	T(0.2)
Well#2	Raw	May 21'86	QCD	T(0.9)	T(0.3)	-	-		-	-	T(0.2)
	Tr	#N/A									
	Raw	Sep 10'86		T(0.3)	-	-	-		-	-	-
	Raw	Sep 10'86	QCD	T(0.7)	-	-	-		-	-	-
	Raw	Sep 10'86	REP	T(0.7)	T(0.3)	-	-		-	-	-
	Tr	#N/A									
Souris PEI	Raw	May 22'86		1.1	0.5	-	-		-	-	T(0.3)
Longworth	Tr	#N/A									
well	Raw	Sep 10'86		T(0.3)	T(0.4)	-	-		-	-	-
	Tr	#N/A									
Georgetown	Raw	May 22'86		T(0.4)	-	-	-		-	-	-
Town well#7	Tr	#N/A									
	Raw	#N/A									
	Tr	#N/A									

VOLATILE ORGANIC (VO) COMPOUNDS IN ATLANTIC DRINKING WATER SOURCES — PRINCE EDWARD ISLAND 1986 — PAGE 2

Site	Prov	Type Tr/Raw	Date	type REP/QCD	36 Ethylbz	39 m/p-xyl	54 C12benz 14-
M Q L					0.5	0.5	0.5
Charlottetown		Raw	May 20'86		-	T(0.1)	
Brackley		Tr	May 20'86		-	-	
well#9		Raw	Sep 09'86		-		
		Tr	Sep 09'86		-		T(0.2)
Charlottetown		Raw	May 20'86		-	T(0.1)	
Union well#5		Tr	May 20'86		T(0.1)	-	
		Raw	Sep 09'86		-	-	
		Tr	Sep 09'86		-	-	
Parkdale PEI		Raw	May 20'86		-	-	
Ellis Rd well		Tr	May 20'86			-	
		Raw	Sep 09'86		-	-	
		Tr	@N/A		-	T(0.1)	
Summerside		Raw	May 21'86		-	T(0.2)	
Well#6		Tr	@N/A				
		Raw	Sep 10'86		-	-	
		Tr	@N/A		-		0.5
Summerside		Raw	May21'86		T(0.1)	-	
Well#7		Tr	@N/A				
		Raw	Sep 10'86		-	-	
		Tr	@N/A		-		
St. Eleanors		Raw	May 21'86		-	-	
Well#2		Tr	@N/A				
		Raw	Sep 10'86		-	-	
		Raw	Sep 10'86				
		Tr	@N/A		-		
Kensington		Raw	May 21'86		-	T(0.1)	
Well#2		Raw	May 21'86	QCD	-	-	
		Tr	@N/A				
		Raw	Sep 10'86		-	-	
		Raw	Sep 10'86	QCD	-	-	
		Raw	Sep 10'86	REP	-	-	-
		Tr	@N/A				
Souris PEI		Raw	May 22'86		-	-	
Longworth		Tr	@N/A				
well		Raw	Sep 10'86		-	-	
		Tr	@N/A		-		
Georgetown		Raw	May 22'86		-	-	-
Town well#7		Tr	@N/A				
		Raw	@N/A		-		
		Tr	@N/A				

VOLATILE ORGANIC (VO) COMPOUNDS IN ATLANTIC DRINKING WATER SOURCES — PRINCE EDWARD ISLAND 1986 — PAGE 3

Site	Prov	Type Tr/Raw	Date	type REP/QCD	3 CH2C12	4 CHC13	5 CHC12Br	9 CCL3F	21 C2C13F3 112F3-	27 C2HC13	28 C2C14	35 Toluene
M Q L					1.0	0.5	1.0	2.0	2.0	0.5	0.5	0.5
Charlottetown		Raw	May 22'86		T(0.5)	-	-	-		1.6	3.5	-
Malpeque well		Raw	May 22'86	REP	T(0.6)	-				1.5	3.8	-
		Tr	@N/A									
		Raw	Sep 11'86		T(0.3)	-	-	-	7.7	0.9	3.7	-
		Raw	Sep 11'86	REP	T(0.1)	-	-	-	6.0	-	3.4	-
		Tr	@N/A									
Field Blank @1		PEI			2.3	-	-	-		-	-	0.8
Field Blank @2		PEI			3.4	-		-		-	-	-
Field Blank		PEI	Sep 04'86		T(0.5)	-	-	-		-	-	-

VOLATILE ORGANIC (VO) COMPOUNDS IN ATLANTIC DRINKING WATER SOURCES PRINCE EDWARD ISLAND 1986 PAGE 4

Site	Prov	Type Tr/Raw	Date	type REP/QCD	36 Ethylbz	39 m/p-xyl	54 Cl2benz 14-
M Q L					0.5	0.5	0.5
Charlottetown		Raw	May 22'86		-	-	-
Malpeque well		Raw	May 22'86	REP	-		-
		Tr	@N/A				
		Raw	Sep 11'86		-	-	
		Raw	Sep 11'86	REP	-	-	
		Tr	@N/A				
Field Blank #1			PEI		0.8	-	-
Field Blank #2			PEI		-		-
Field Blank		PEI	Sep 04'86		-		-

VOLATILE ORGANIC (VO) COMPOUNDS IN ATLANTIC DRINKING WATER SOURCES PRINCE EDWARD ISLAND 1987 PAGE 1

Site Prov	Type Tr/Raw	Date	type REP/QCD	3 CH2C12	4 CHC13	5 CHC12Br	6 CHC1Br2	7 CHBr3	9 CC13F	21 C2C13F3	27 C2HC13	28 C2C14	34 Benzene
M Q L				1.0	0.5	1.0	2.0	2.0	2.0	2.0	0.5	0.5	0.5
Parkdale PEI	Raw	May 19'87		1.3	T(0.2)	-			-		-	T(0.1)	
Well #3	Tr	May 19'87		1.0	T(0.2)	1.8			-		-	T(0.1)	
	Raw	Oct 13'87		T(0.9)	T(0.2)	-			9.3		-	-	T(0.4)
	Tr	Oct 13'87		1.0	T(0.2)	-			18.7		-	-	0.5
Charlottetown	Raw	May 20'87		11.0	0.7	-			2.8		0.5	2.5	
Main Malpeque	Tr	May 20'87		3.3	T(0.3)	T(0.2)	T(0.5)	T(0.7)	-		T(0.3)	1.7	
	Raw	Oct 13'87		T(0.7)	-	-			5.6	6.6	0.7	3.8	
	Tr	Oct 13'87		T(0.7)	-	-			4.6	5.3	0.5	2.8	
Charlottetown	Raw	May 20'87		1.0	T(0.1)	-			-		-	T(0.1)	2.2
Brackley	Tr	May 20'87		1.7	T(0.2)						-	T(0.1)	
W.#12	Raw	Oct 13'87		T(0.3)	T(0.2)	-			2.1		-	-	T(0.1)
	Tr	Oct 13'87		T(0.8)	T(0.3)				10.2				T(0.4)
Charlottetown	Raw	May 20'87		9.5	0.5	-			-		-	-	
"Union ""A"""	Tr	May 20'87		1.7	T(0.3)							T(0.1)	
	Raw	Oct 13'87		T(0.5)	T(0.2)	-			2.3		-	-	-
	Tr	Oct 13'87		T(0.4)	T(0.2)				2.9				T(0.4)
Souris PEI	Raw	May 20'87		T(0.9)	0.7	-			-		-	T(0.2)	
	Raw	May 20'87	QCD	T(0.4)	T(0.4)							-	
Ind.Park well	Sys	May 20'87		5.4	0.6							-	
	Raw	Oct 14'87		T(0.6)	0.7	-			4.2		-	-	
	Tr	Oct 14'87		T(0.5)	T(0.4)				4.8				
	Tr	Oct 14'87	QCD	T(0.6)	T(0.4)				4.2				
North Rustico	Raw	May 21'86		1.1	T(0.2)	-			-		-	-	
composite	Tr	May 21'87		-	-								
	Raw	Oct 13'87		T(0.7)	T(0.1)	-			T(0.8)		-	-	
	Tr	Oct 13'87		T(0.5)	T(0.1)				T(1.6)				
Kensington	Raw	May 21'86		1.3	T(0.1)	-			-		-	T(0.1)	
Pleasant ST	Tr	May 21'87		T(0.9)	T(0.1)								
	Raw	Oct 15'87		T(0.3)	-	-			3.0		-	-	
	Tr	Oct 15'87		T(0.6)					6.9				
St. Eleanors	Raw	May 21'87		1.1	T(0.1)	-			-		-	-	
Well #3	Sys	May 21'87		3.8	T(0.1)							T(0.1)	
	Raw	Oct 15'87		2.2	-	-			5.6		-	-	
	Tr	Oct 15'87		3.2					4.3				
Summerside	Raw	May 21'87		2.0	T(0.1)	-			-		T(0.1)	T(0.1)	
Well #6	Sys	May 21'87		21.7	0.7						T(0.1)	T(0.2)	
	Raw	Oct 15'87		1.9					21.4		T(0.2)	T(0.2)	
	Tr	Oct 15'87		T(0.9)					6.6		-	T(0.2)	

VOLATILE ORGANIC (VO) COMPOUNDS IN ATLANTIC DRINKING WATER SOURCES PRINCE EDWARD ISLAND 1987 PAGE 2

Site	Prov	Type Tr/Raw	Date	type REP/QCD	3 CH2Cl2	4 CHCl3	5 CHCl2Br	6 CHClBr2	7 CHBr3	9 CCl3F	21 C2Cl3F3	27 C2HCl3	28 C2Cl4	34 Benzene
M Q L					1.0	0.5	1.0	2.0	2.0	2.0	2.0	0.5	0.5	0.5
Summerside		Raw	May 21'87		1.5	T(0.2)	-			-		T(0.3)	4.7	
Well #7		Sys	May 21'87		5.0	T(0.3)						-	T(0.1)	
		Sys	May 21'87	QCD	4.5	T(0.2)	-			-		T(0.1)	T(0.2)	
		Raw	Oct 15'87		T(0.4)	T(0.1)	-			4.2		T(0.3)	4.8	
		Tr	Oct 15'87		6.2					4.3		-	0.6	
		Tr	Oct 15'87	QCD	8.0					4.2		-	0.5	
Field Blank #1		PEI	May 13'87		1.3	T(0.1)	-			T(0.9)		-	-	
Reagent Blank			Fall		1.1	-	-			-		-	-	

VOLATILE ORGANIC (VO) COMPOUNDS IN ATLANTIC DRINKING WATER SOURCES PRINCE EDWARD ISLAND 1987 PAGE 3

Site Prov	Type Tr/Raw	Date	type REP/QCD	35 Toluene	38 o-xyl	39 m/p-xyl	54 C12-Benz "1,4-"	42	43	45	46
M Q L				0.5	0.5	0.5	0.5	0.2	.2	0.2	0.2
Parkdale PEI	Raw	May 19'87		-	T(0.1)	T(0.1)					
Well #3	Tr	May 19'87		T(0.1)		T(0.1)					
	Raw	Oct 13'87		-							
	Tr	Oct 13'87		T(0.1)							
Charlottetown	Raw	May 20'87		T(0.2)		T(0.1)					
Main Malpeque	Tr	May 20'87		T(0.1)		-					
	Raw	Oct 13'87		-							
	Tr	Oct 13'87		-							
Charlottetown	Raw	May 20'87		3.9	0.9	2.1		1.4	0.2	0.6	0.2
Brackley	Tr	May 20'87		T(0.2)		-					
w.#12	Raw	Oct 13'87		-							
	Tr	Oct 13'87				-					
Charlottetown	Raw	May 20'87		-		T(0.1)					
"Union ""A"""	Tr	May 20'87		T(0.1)							
	Raw	Oct 13'87		-							
	Tr	Oct 13'87									
Souris PEI	Raw	May 20'87		-		-					
	Raw	May 20'87	QCD								
Ind.Park well	Sys	May 20'87		T(0.1)		T(0.1)					
	Raw	Oct 14'87		-							
	Tr	Oct 14'87									
	Tr	Oct 14'87	QCD								
North Rustico	Raw	May 21'86		-		-					
composite	Tr	May 21'87									
	Raw	Oct 13'87		-							
	Tr	Oct 13'87									
Kensington	Raw	May 21'86		T(0.1)		T(0.1)					
Pleasant ST	Tr	May 21'87		T(0.1)		T(0.1)					
	Raw	Oct 15'87		-							
	Tr	Oct 15'87									
St. Eleanors	Raw	May 21'87		T(0.1)		-					
Well #3	Sys	May 21'87		T(0.2)							
	Raw	Oct 15'87		-							
	Tr	Oct 15'87									
Summerside	Raw	May 21'87		T(0.1)		T(0.1)					
Well #6	Sys	May 21'87		T(0.1)			T(0.1)				
	Raw	Oct 15'87									
	Tr	Oct 15'87									

VOLATILE ORGANIC (VO) COMPOUNDS IN ATLANTIC DRINKING WATER SOURCES PRINCE EDWARD ISLAND 1987 PAGE 4

Site Prov	Type Tr/Raw	Date	type REP/QCD	35 Toluene	38 o-xyl	39 m/p-xyl	54 C12-Benz "1,4-"	42	43	45	46
M Q L				0.5	0.5	0.5	0.5	0.2	.2	0.2	0.2
Summerside	Raw	May 21'87		T(0.1)		T(0.1)					
Well #7	Sys	May 21'87		T(0.1)		T(0.1)					
	Sys	May 21'87	QCD	T(0.1)		T(0.1)					
	Raw	Oct 15'87		-							
	Tr	Oct 15'87									
	Tr	Oct 15'87	QCD								
Field Blank #1 PEI		May 13'87		-		T(0.1)					
Reagent Blank		Fall		-		-					

VOLATILE ORGANIC (VO) COMPOUNDS IN ATLANTIC DRINKING WATER SOURCES — PRINCE EDWARD ISLAND 1988 — PAGE 1

Site	Prov	Type Tr/Raw	Date	type REP/QCD	3 CH2Cl2	4 CHCl3	5 CHCl2Br	6 CHClBr2	7 CHBr3	9 CCl3F	21 C2Cl3F3	26 C2H2Cl2 -c	27 C2HCl3	28 C2Cl4
M Q L					0.5	0.2	0.2	1.0	2.0	1.0	1.0	0.2	0.2	0.5
Charlottetown		Raw	May 17'88		-	-	-			-	1.3		-	1.9
Main Malpeque		Tr	May 17'88		T(0.3)	-	-	T(0.1)	-	T(0.1)	1.2		T(0.2)	1.4
		Tr	May 17'88	QCD	T(0.5)	-	-	T(0.1)		T(0.2)	1.9		0.3	1.9
		Tr	May 17'88	REP	T(0.2)	-	-	T(0.1)		-	1.3		0.3	1.6
		Raw	Sep 22'88		T(0.2)	T(0.1)	-	T(0.1)	T(0.2)	T(0.2)	3.7		0.7	2.8
		Raw	Sep 22'88	QCD	T(0.2)	T(0.1)		T(0.1)	T(0.2)	T(0.2)	3.8		0.7	2.9
		Raw	Sep 22'88	REP	T(0.1)	-		T(0.1)	T(0.2)	T(0.2)	3.3		0.3	2.3
		Tr	Sep 22'88		T(0.1)	T(0.1)	T(0.1)	T(0.3)	T(0.4)	T(0.1)	3.1		0.2	2.2
		Tr	Sep 22'88	QCD	T(0.2)	T(0.1)	0.2	T(0.3)	T(0.4)	T(0.2)	3.7		0.7	2.9
		Tr	Sep 22'88	REP	T(0.3)	T(0.1)	0.2	T(0.4)	T(0.5)	T(0.3)	5.1		1.0	4.2
Charlottetown		Raw	May 17'88		T(0.1)	-	-			-	-		-	-
Brackley		Tr	May 17'88		T(0.2)	-	-	-	-	T(0.3)	-		-	-
w.#12		Raw	Sep 22'88		T(0.1)	T(0.1)	-			T(0.1)	-		-	-
		Tr	Sep 22'88		T(0.4)	T(0.1)	-			T(0.3)	-		-	-
Charlottetown		Raw	May 17'88		T(0.1)	-	-			-	-		-	-
Union #4		Tr	May 17'88		0.7	-	-			1.1	-		-	-
		Raw	Sep 22'88		T(0.1)	T(0.1)	-			T(0.2)			-	-
		Tr	Sep 22'88		0.6	T(0.1)	-			T(0.3)				
Souris PEI		Raw	May 18'88		0.6	0.2	-			T(0.4)	-		-	-
Union Ave.		Sys	May 18'88		T(0.5)	0.4	-			T(0.3)	-			-
well		Raw	Sep 20'88		-	0.4	-			T(0.2)			-	-
		Sys	Sep 20'88		T(0.3)	0.4				-				
Georgetown		Raw	May 18'88		T(0.3)	0.2	-			T(0.1)	-		-	-
PEI		Raw	May 18'88	QCD	T(0.3)	0.2	-			T(0.1)	-			-
		Raw	May 18'88	REP	0.7	0.2				T(0.9)				
Well #7		Sys	May 18'88		T(0.2)	0.3				T(0.2)				-
		Raw	Sep 20'88		T(0.2)	0.2	-			T(0.2)			-	-
		Sys	Sep 20'88		T(0.3)	0.2				T(0.1)				
North Rustico		Sys	May 19'88		T(0.3)	0.2	-			T(0.2)	-		-	-
Old Lions		Sys	May 19'88		T(0.4)	0.2	-			T(0.7)	-			
Club		Sys	Sep 19'88		-	0.2	-			T(0.1)			-	-
		Sys	Sep 19'88		T(0.2)	0.2				T(0.1)				
Kensington		Sys	May 19'88		T(0.4)	-	-			T(0.3)	-		-	-
		Sys	May 19'88		T(0.2)	-	-			T(0.2)	-			
		Sys	Sep 19'88		-	-	-			T(0.1)			-	-
		Sys	Sep 19'88		T(0.3)	-				T(0.1)				
Summerside		Raw	May 19'88		T(0.4)	-	-			T(0.6)	-		T(0.1)	-
Well #6		Sys	May 19'88		T(0.4)	-	-			T(0.2)	-		-	-
		Raw	Sep 21'88		T(0.2)	-	-			T(0.2)		0.2	T(0.1)	T(0.1)
		Sys	Sep 21'88		T(0.2)	-				-				

VOLATILE ORGANIC (VO) COMPOUNDS IN ATLANTIC DRINKING WATER SOURCES — PRINCE EDWARD ISLAND 1988 — PAGE 2

Site	Prov	Type Tr/Raw	Date	type REP/QCD	3 CH2C12	4 CHC13	5 CHC12Br	6 CHC1Br2	7 CHBr3	9 CC13F	21 C2C13F3	26 C2H2C12 -c	27 C2HC13	28 C2C14
M Q L					0.5	0.2	0.2	1.0	2.0	1.0	1.0	0.2	0.2	0.5
Summerside		Raw	May 19'88		0.6	T(0.1)	-			1.2	-		T(0.1)	1.9
Well #7		Sys	May 19'88		T(0.3)	-	-			T(0.7)	-	T(0.2)	-	-
		Raw	Sep 21'88		T(0.4)	-				T(0.4)			T(0.1)	2.1
		Sys	Sep 21'88		T(0.3)	T(0.1)				T(0.1)			-	T(0.1)
St. Eleanors		Raw	May 19'88		0.6	-	-			1.8	-		-	-
Well #4		Sys	May 19'88		T(0.3)	-	-			T(0.2)	-		-	-
		Raw	Sep 21'88		T(0.4)	-	-			T(0.6)			-	-
		Sys	Sep 21'88		T(0.2)	-				T(0.1)			-	-
Field Blank #1		PEI	May 09'88		1.6	-	-			2.4	-		-	-
Field Blank #2		PEI	May 09'88		1.7	-	-			2.8	-		-	-
House Blank			May 09'88		0.7	-				-	-		-	-
Field Blank #1			Sep 08'88		1.2	0.4				5.6				
Field Blank #2					1.0	0.2				4.8				
Reagent Blank					T(0.2)									
House Blank					1.3									

VOLATILE ORGANIC (VO) COMPOUNDS IN ATLANTIC DRINKING WATER SOURCES — PRINCE EDWARD ISLAND 1988 — PAGE 3

Site	Prov	Type Tr/Raw	Date	type REP/QCD	34 Benzene	35 Toluene	36 Ethyl -Bz	38 o-xyl	39 m/p-xyl	54 C12-Benz "1,4-"	45	14 C2H3C13 111-
M Q L					0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2
Charlottetown	Raw		May 17'88			-		-	-			
Main Malpeque	Tr		May 17'88			-			-			
	Tr		May 17'88	QCD		-						
	Tr		May 17'88	REP		-						
	Raw		Sep 22'88		-	-						
	Raw		Sep 22'88	QCD								
	Raw		Sep 22'88	REP								
	Tr		Sep 22'88									
	Tr		Sep 22'88	QCD								
	Tr		Sep 22'88	REP	-	-						
Charlottetown	Raw		May 17'88		0.2	0.4	T(0.1)	T(0.1)	T(0.2)		T(0.1)	
Brackley	Tr		May 17'88			-			-			
w.#12	Raw		Sep 22'88			-						
	Tr		Sep 22'88			-						
Charlottetown	Raw		May 17'88		T(0.1)	T(0.1)		-	-		-	
Union #4	Tr		May 17'88		-	T(0.1)			-			
	Raw		Sep 22'88		-	-						
	Tr		Sep 22'88		-				-			
Souris PEI	Raw		May 18'88		-	T(0.1)		-	-			
Union Ave.	Sys		May 18'88		-	-						
well	Raw		Sep 20'88		-	-						
	Sys		Sep 20'88		-							
Georgetown	Raw		May 18'88		-	-		-	-			
PEI	Raw		May 18'88	QCD	-	-						
	Raw		May 18'88	REP								
Well #7	Sys		May 18'88		-	-			-			
	Raw		Sep 20'88		-	-						
	Sys		Sep 20'88									
North Rustico	Sys		May 19'88		-	-		-	-			
Old Lions	Sys		May 19'88		-							
Club	Sys		Sep 19'88			-						
	Sys		Sep 19'88							0.2		
Kensington	Sys		May 19'88		-	T(0.1)		-	-			
	Sys		May 19'88		-	-			-			
	Sys		Sep 19'88			-						
	Sys		Sep 19'88			T(0.1)						
Summerside	Raw		May 19'88		-	-		-	-			
Well #6	Sys		May 19'88		-	-			-	T(0.2)		
	Raw		Sep 21'88			-						
	Sys		Sep 21'88									

VOLATILE ORGANIC (VO) COMPOUNDS IN ATLANTIC DRINKING WATER SOURCES — PRINCE EDWARD ISLAND 1988 — PAGE 4

Site Prov	Type Tr/Raw	Date	type REP/QCD	34 Benzene	35 Toluene	36 Ethyl -Bz	38 o-xyl	39 m/p-xyl	54 C12-Benz "1,4-"	45	14 C2H3C13 111-
M Q L				0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2
Summerside	Raw	May 19'88		-	-		-	-			
Well #7	Sys	May 19'88		-	-				-		
	Raw	Sep 21'88									
	Sys	Sep 21'88									
St. Eleanors	Raw	May 19'88		-	-		-	-			
Well #4	Sys	May 19'88		-	-			-			
	Raw	Sep 21'88			-						
	Sys	Sep 21'88									
Field Blank #1	PEI	May 09'88		-	-			-			0.4
Field Blank #2	PEI	May 09'88		-	T(0.1)			-			T(0.2)
House Blank		May 09'88		-	-						-
Field Blank #1		Sep 08'88									
Field Blank #2											0.3
Reagent Blank											
House Blank											

VOLATILE ORGANICS RECOVERIES FROM FORTIFIED WATER SAMPLES SPRING'87 ATLANTIC AREA PAGE 1

	1-S'87			2-S'87			3-S'87			4-S'87		
Compounds	ug/L Found	ug/L Spiked	% rec	ug/L Found	ug/L Spiked	% rec	ug/L Found	ug/L Spiked	% rec	ug/L Found	ug/L Spiked	% rec
Methylene Chloride	36.8	46.5	79.1	178.0	46.5	382.8	164.0	0.0	#DIV/0!	226.0	0.0	#DIV/0!
Chloroform	42.4	46.5	91.2	43.4	46.5	93.3	#N/A	0.0	#N/A	#N/A	0.0	#N/A
Carbon tetrachloride	43.8	47.1	93.0	45.2	47.1	96.0	#N/A	0.0	#N/A	#N/A	0.0	#N/A
Bromodichloromethane	48.1	47.5	49.7	49.7	47.5	104.6	#N/A	0.0	#N/A	#N/A	0.0	#N/A
Bromoform	40.3	48.0	84.0	40.8	48.0	85.0	#N/A	0.0	#N/A	#N/A	0.0	#N/A
11-dichloro ethane	44.4	45.6	97.4	43.1	45.6	94.5	#N/A	0.0	#N/A	#N/A	0.0	#N/A
112-trichloroethane	54.0	54.5	54.7	54.7	54.4	100.6	#N/A	0.0	#N/A	#N/A	0.0	#N/A
s-tetrachloroethane	38.4	47.1	81.5	39.0	47.1	82.8	#N/A	0.0	#N/A	#N/A	0.0	#N/A
Tetrachloroethene	45.3	46.4	97.6	53.2	46.4	114.7	9.6	0.0	#DIV/0!	4.5	0.0	#DIV/0!
111-trichloroethane	24.8	31.3	79.2	39.2	47.0	83.4	41.8	47.0	88.9	27.6	31.3	88.2
12-dichloroethane	22.8	24.3	93.8	33.4	36.5	91.5	36.4	36.5	99.7	24.5	24.3	100.8
12-dichloropropane	28.6	31.4	91.1	44.8	47.1	95.1	48.8	47.1	103.6	30.5	31.4	97.1
12-dichlorobenzene	13.1	16.1	81.4	12.9	16.1	80.1	30.1	32.1	93.8	29.1	32.1	90.7
Benzene	12.9	15.5	83.2	12.6	15.5	81.3	28.4	31.0	91.6	25.7	31.0	82.9
Toluene	15.0	15.5	96.8	15.2	15.5	98.1	37.9	31.0	122.3	34.0	31.0	109.7
p-Xylene	13.8	15.5	89.0	13.7	15.5	88.3	33.5	31.0	108.1	31.3	31.0	101.0
Ethyl benzene	12.7	15.5	81.9	12.6	15.5	81.3	30.2	31.0	97.4	28.5	31.0	91.9
Hexachlorobutadiene	25.2	31.0	81.3	45.0	62.0	72.6	48.0	62.0	77.4	28.2	31.0	91.0
Pentachloroethane	18.8	31.0	60.6	41.4	62.0	66.8	40.4	62.0	65.2	18.7	31.0	60.3
Dichloroacetonitrile	6.1	31.0	19.7	9.1	62.0	14.7	8.2	62.0	13.2	5.4	31.0	17.4

Average % rec 88.6
(excludes #1 & #20)

VOLATILE ORGANICS RECOVERIES FROM FORTIFIED WATER SAMPLES SPRING'87 ATLANTIC AREA PAGE 2

Compounds	Mean	+/- SD	sum %rec sq	sq mean
Methylene Chloride	231.0	#DIV/0!	#DIV/0!	213384.4
Chloroform	92.3	#N/A	#N/A	34046.2
Carbon tetrachloride	94.5	#N/A	#N/A	35705.8
Bromodichloromethane	77.2	#N/A	#N/A	23818.2
Bromoform	84.5	#N/A	#N/A	28546.9
11-dichloro ethane	95.9	#N/A	#N/A	36820.2
112-trichloroethane	77.6	#N/A	#N/A	24103.0
s-tetrachloroethane	82.2	#N/A	#N/A	27004.7
Tetrachloroethene	106.1	#DIV/0!	#DIV/0!	45064.7
111-trichloroethane	84.9	4.5	28919.3	28858.0
12-dichloroethane	96.5	4.5	37287.6	37226.4
12-dichloropropane	96.7	5.2	37513.1	37431.2
12-dichlorobenzene	86.5	6.8	30051.3	29914.2
Benzene	84.8	4.6	28800.5	28735.7
Toluene	106.7	11.9	45958.1	45534.1
p-Xylene	96.6	9.6	37601.4	37325.2
Ethyl benzene	88.1	7.9	31264.2	31078.3
Hexachlorobutadiene	80.6	7.8	26145.0	25962.6
Pentachloroethane	63.2	3.2	16021.4	15990.0
Dichloroacetonitrile	16.3	2.9	1081.0	1056.3

VOLATILE ORGANICS RECOVERIES FROM FORTIFIED WATER SAMPLES FALL'87 ATLANTIC AREA

	1-F'87			3-F'87			4-F'87			5-F'87		
Compounds	ug/L Found	ug/L Spiked	% rec	ug/L Found	ug/L Spiked	% rec	ug/L Found	ug/L Spiked	% rec	ug/L Found	ug/L Spiked	% rec
Methylene Chloride	@N/A	0.0	@N/A	23.8	46.5	51.2	25.2	46.5	54.2	@N/A	0.0	@N/A
Chloroform	@N/A	0.0	@N/A	42.5	46.5	91.4	44.4	46.5	95.5	@N/A	0.0	@N/A
Carbon tetrachloride	@N/A	0.0	@N/A	51.9	47.1	110.2	52.9	47.1	112.3	@N/A	0.0	@N/A
Bromodichloromethane	@N/A	0.0	49.7	42.3	47.5	89.1	45.3	47.5	95.4	@N/A	0.0	@N/A
Bromoform	@N/A	0.0	@N/A	42.2	48.0	87.9	43.6	48.0	90.8	@N/A	0.0	@N/A
11-dichloro ethane	@N/A	0.0	@N/A	45.1	45.6	98.9	47.3	45.6	103.7	@N/A	0.0	@N/A
112-trichloroethane	@N/A	0.0	54.7	48.3	54.4	88.8	51.0	54.4	93.8	@N/A	0.0	@N/A
s-tetrachloroethane	@N/A	0.0	@N/A	39.3	47.1	83.4	42.0	47.1	89.2	@N/A	0.0	@N/A
Tetrachloroethene	5.4	0.0	@DIV/0!	44.6	46.4	96.1	51.2	46.4	110.3	10.0	0.0	@DIV/0!
111-trichloroethane	23.6	31.3	75.4	26.2	31.1	84.2	40.0	47.0	85.1	35.9	47.0	76.4
12-dichloroethane	18.1	24.3	74.5	18.1	24.3	74.5	28.8	36.5	78.9	30.3	36.5	83.0
12-dichloropropane	28.6	31.4	91.1	29.5	31.4	93.9	46.7	47.1	99.2	46.6	47.1	98.9
12-dichlorobenzene	24.6	32.1	76.6	25.1	31.1	80.7	14.0	16.1	87.0	11.3	16.1	70.2
Benzene	21.0	31.0	67.7	22.0	31.0	71.0	12.6	15.5	81.3	10.6	15.5	68.4
Toluene	24.2	31.0	78.1	23.6	31.0	76.1	14.5	15.5	93.5	12.0	15.5	77.4
p-Xylene	21.8	31.0	70.3	22.3	31.0	71.9	13.0	15.5	83.9	10.0	15.5	64.5
Ethyl benzene	24.1	31.0	77.7	23.9	31.0	77.1	13.8	15.5	89.0	9.8	15.5	63.2
Hexachlorobutadiene	22.6	31.0	72.9	21.8	31.0	70.3	41.7	62.0	67.3	33.0	62.0	53.2
Pentachloroethane	15.6	31.0	50.3	15.1	31.0	48.7	32.4	62.0	52.3	30.2	62.0	48.7
Dichloroacetonitrile	11.2	31.0	36.1	10.4	31.0	33.5	20.5	62.0	33.1	23.6	62.0	38.1

Average % rec 88.6
(excludes @1 & @20)

VOLATILE ORGANICS RECOVERIES FROM FORTIFIED WATER SAMPLES FALL'87 ATLANTIC AREA

Compounds	Mean	+/- SD	sum %rec sq	sq mean
Methylene Chloride	52.7	@N/A	@N/A	11104.2
Chloroform	93.4	@N/A	@N/A	34924.8
Carbon tetrachloride	111.3	@N/A	@N/A	49508.6
Bromodichloroethane	92.2	@N/A	@N/A	34011.1
Bromoform	89.4	@N/A	@N/A	31951.6
11-dichloro ethane	101.3	@N/A	@N/A	41059.6
112-trichloroethane	91.3	@N/A	@N/A	33319.7
s-tetrachloroethane	86.3	@N/A	@N/A	29794.7
Tetrachloroethene	103.2	@DIV/0!	@DIV/0!	42628.0
111-trichloroethane	80.3	5.1	25859.6	25781.6
12-dichloroethane	77.7	4.1	24213.3	24163.0
12-dichloropropane	95.8	3.9	36742.2	36695.4
12-dichlorobenzene	78.6	7.0	24874.2	24725.3
Benzene	72.1	6.3	20910.3	20791.8
Toluene	81.3	8.2	26634.8	26432.5
p-Xylene	72.7	8.1	21316.6	21118.7
Ethyl benzene	76.8	10.6	23912.0	23577.1
Hexachlorobutadiene	65.9	8.8	17616.8	17385.7
Pentachloroethane	50.0	1.7	10008.5	10000.0
Dichloroacetonitrile	35.2	2.3	4973.0	4956.6

Average % rec 88.6
(excludes @1 & @20)

VOLATILE ORGANICS RECOVERIES FROM FORTIFIED WATER SAMPLES — SPRING'88 — ATLANTIC AREA — PAGE 1

Compounds	1-S'88 ug/L Found	ug/L Spiked	% rec	2-S'88 * ug/L Found	ug/L Spiked	% rec	3-S'88 ug/L Found	ug/L Spiked	% rec	4-S'88 ug/L Found	ug/L Spiked	% rec
Methylene Chloride	1.1	NA	NA	32.8	31.0	105.8	33.1	31.0	106.8	44.5	46.5	95.7
Chloroform	T(0.3)	NA	NA	28.7	31.0	92.6	23.7	31.0	76.5	41.3	46.5	88.8
Carbon tetrachloride		NA	NA	26.8	31.4	85.4	27.2	31.4	86.6	43.3	47.1	91.9
Bromodichloromethane	0.3	NA	NA	26.9	31.6	85.1	27.3	31.6	86.4	71.7	47.5	150.9
Bromoform		NA	NA	26.0	32.0	87.5	29.6	32.0	92.5	40.2	48.0	83.8
11-dichloro ethane		NA	NA	27.3	30.4	89.8	28.2	30.4	92.8	45.9	45.6	100.7
112-trichloroethane		NA	NA	38.0	36.3	104.7	37.0	36.3	101.9	65.2	54.5	119.6
s-tetrachloroethane		NA	NA	29.3	31.4	93.3	30.0	31.4	95.5	38.6	47.1	82.0
Tetrachloroethene		NA	NA	23.3	31.0	75.2	35.1	31.0	113.2	55.6	46.4	119.8
111-trichloroethane		NA	NA	22.7	31.3	72.5	22.6	31.3	72.2	11.0	15.6	70.5
12-dichloroethane		NA	NA	26.8	24.3	110.3	25.2	24.3	103.7	18.6	12.2	152.5
12-dichloropropane		NA	NA	26.5	31.4	84.4	28.6	31.4	91.1	20.7	15.7	131.8
12-dichlorobenzene		NA	NA	26.7	32.1	83.2	28.9	32.1	90.0	48.6	64.2	75.7
Benzene		NA	NA	29.5	31.0	95.2	29.7	31.0	95.8	72.1	62.0	116.3
Toluene	T(0.1)	NA	NA	26.6	31.0	85.8	29.5	31.0	95.2	61.6	61.9	99.5
p-Xylene		NA	NA	23.5	30.9	76.1	24.9	30.9	80.6	48.4	61.8	78.3
Ethyl benzene		NA	NA	24.3	30.9	78.6	25.6	30.9	82.8	47.2	61.8	76.4
Hexachlorobutadiene		NA	NA		NA		31.3	46.6	67.2	30.4	46.6	65.2
Pentachloroethane		NA	NA		NA		24.8	46.5	53.3	21.8	46.5	46.9
Dichloroacetonitrile		NA	NA		NA		4.5	46.9	9.6	6.0	46.9	12.8

* average of 2 det'n

Average % rec (excludes #20) 91.2

VOLATILE ORGANICS RECOVERIES FROM FORTIFIED WATER SAMPLES SPRING'88 ATLANTIC AREA PAGE 2

Compounds	5-S'88 ug/L Found	ug/L Spiked	% rec	Mean	+/- SD	sum %rec sq	sq mean
Methylene Chloride	48.4	46.5	104.1	103.1	5.1	42587.9	42511.3
Chloroform	37.8	46.5	81.3	84.8	7.3	28912.6	28753.9
Carbon tetrachloride	42.0	47.1	89.2	88.3	2.9	31191.6	31166.1
Bromodichloromethane	67.4	47.5	141.9	116.1	35.2	57629.4	53907.8
Bromoform	41.5	48.0	86.5	87.6	3.7	30701.6	30661.5
11-dichloro ethane	43.9	45.6	96.3	94.9	4.7	36069.8	36004.2
112-trichloroethane	61.0	54.5	111.9	109.5	7.9	48187.6	47998.5
s-tetrachloroethane	40.5	47.1	86.0	89.2	6.3	31945.5	31825.5
Tetrachloroethene	38.8	46.4	83.6	98.0	21.9	39820.4	38383.7
111-trichloroethane	11.6	15.6	74.4	72.4	1.6	20974.5	20967.1
12-dichloroethane	18.9	12.2	154.9	130.3	27.1	70161.3	67956.4
12-dichloropropane	17.6	15.7	112.1	104.9	21.5	45369.1	43979.7
12-dichlorobenzene	48.0	64.2	74.8	80.9	7.1	26344.8	26191.5
Benzene	74.5	62.0	120.2	106.9	13.2	46196.7	45671.8
Toluene	58.5	61.9	94.5	93.7	5.7	35253.3	35154.4
p-Xylene	47.0	61.8	76.1	77.8	2.2	24194.9	24180.8
Ethyl benzene	46.3	61.8	74.9	78.2	3.5	24494.2	24458.3
Hexachlorobutadiene		NA		66.2	1.4	8767.2	8765.3
Pentachloroethane		NA		50.1	4.6	5042.3	5021.5
Dichloroacetonitrile		NA		11.2	2.3	255.7	250.6

* average of 2 det'n

Average % rec 91.2
(excludes 820)

VOLATILE ORGANICS RECOVERIES FROM SPIKED WATER SAMPLES FALL'88 ATLANTIC AREA PAGE 1

Compounds	1-F'88 * Reagent Blank	ug/L Found	ug/L Spiked	% rec	2-F'88 ug/L Found	ug/L Spiked	% rec	3-F'88 ug/L Found	ug/L Spiked	% rec
Methylene Chloride	T(0.3)	3.1	3.1	98.4	3.0	3.1	96.8	7.6	9.3	81.7
Chloroform		2.6	3.1	82.3	2.5	3.1	80.6	7.5	9.3	80.6
Carbon tetrachloride		2.5	3.1	79.6	2.4	3.1	76.4	8.1	9.4	86.0
Bromodichloromethane		2.6	3.2	80.4	3.0	3.2	94.6	10.6	9.5	111.6
Bromoform		2.4	3.2	73.4	2.3	3.2	71.9	7.1	9.6	74.0
11-dichloro ethane		2.5	3.0	80.6	2.4	3.0	78.9	7.8	9.1	85.5
112-trichloroethane		2.8	3.6	75.8	2.8	3.6	77.1	8.5	10.9	78.0
s-tetrachloroethane		T(0.3)	3.1	#VALUE!	T(0.8)	3.1	####	5.0	9.4	53.1
Tetrachloroethene		1.8	3.1	58.1	1.7	3.1	54.8	5.6	9.3	60.3
111-trichloroethane		4.0	6.3	63.9	4.3	6.3	68.7	4.7	6.3	75.1
12-dichloroethane		3.8	4.9	78.2	4.0	4.9	82.3	4.1	4.9	84.4
12-dichloropropane		4.5	6.3	71.8	4.9	6.3	78.1	7.8	6.3	124.4
12-dichlorobenzene		4.5	6.4	69.2	2.6	3.2	81.0	4.7	6.4	73.1
Benzene		4.5	6.2	72.6	2.5	3.1	80.6	4.8	6.2	77.4
Toluene		4.9	6.2	78.4	2.7	3.1	87.4	5.2	6.2	84.0
p-Xylene		4.5	6.2	72.8	2.5	3.1	80.9	4.6	6.2	74.4
Ethyl benzene		4.6	6.2	73.5	2.5	3.1	80.9	4.6	6.2	74.3
Hexachlorobutadiene				#N/A			NA			#N/A
Pentachloroethane				#N/A			NA			#N/A
Dichloroacetonitrile		nd	6.2		T(0.2)	31.2		5.3	31.2	

* average of 2 det'n

VOLATILE ORGANICS RECOVERIES FROM SPIKED WATER SAMPLES FALL'88 ATLANTIC AREA PAGE 2

Compounds	4-F'88 ug/L Found	ug/L Spiked	% rec	5-F'88 ug/L Found	ug/L Spiked	% rec	Mean	+/- S	sum %rec sq	sq mean
Methylene Chloride	T(0.3)	@N/A		10.4	9.3	111.8	72.6	49.9	28549.0	21071.8
Chloroform	nd	@N/A		7.3	9.3	78.5	59.9	40.0	19168.7	14374.2
Carbon tetrachloride	nd	@N/A		8.5	9.4	90.2	63.2	42.5	21377.9	15958.5
Bromodichloroethane	nd	@N/A		5.2	9.5	54.7	65.2	49.6	24402.2	17024.1
Bromoform	nd	@N/A		7.1	9.6	74.0	54.9	36.6	16105.7	12077.1
11-dichloro ethane	nd	@N/A		7.2	9.1	78.9	60.9	40.7	19780.1	14813.5
112-trichloroethane	nd	@N/A		9.1	10.9	83.5	59.7	39.9	19000.9	14232.8
s-tetrachloroethane	nd	@N/A		3.7	9.4	39.3	@VALUE!	@VALUE!	@VALUE!	@VALUE!
Tetrachloroethene	nd	@N/A		5.7	9.3	61.4	44.1	29.6	10405.5	7785.8
111-trichloroethane	nd	@N/A		4.2	6.3	67.1	52.7	35.3	14856.7	11115.8
12-dichloroethane	nd	@N/A		4.0	4.9	82.3	62.2	41.5	20665.0	15496.7
12-dichloropropane	nd	@N/A		3.4	6.3	54.2	64.2	51.8	24523.8	16483.8
12-dichlorobenzene	nd	@N/A		2.4	3.2	74.8	57.2	38.3	17493.4	13094.0
Benzene	nd	@N/A		2.4	3.1	77.4	58.9	39.3	18491.2	13863.2
Toluene	nd	@N/A		2.6	3.1	84.1	63.9	42.6	21772.1	16323.6
p-Xylene	nd	@N/A		2.1	3.1	68.0	55.8	37.6	16704.9	12465.8
Ethyl benzene	nd	@N/A		2.2	3.1	71.2	56.6	38.0	17137.4	12816.2
Hexachlorobutadiene		@N/A			NA			@VALUE!	@VALUE!	@VALUE!
Pentachloroethane		@N/A			NA			@VALUE!	@VALUE!	@VALUE!
Dichloroacetonitrile	nd	@N/A		T(1.3)	6.2			@VALUE!	@VALUE!	@VALUE!

* average of 2 det'n